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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 29APR2013 13:20:56 |
| Data source version | GOMOS/6.01 |
| Start time of products | 23-07-2010 (23JUL2010 00:00:00) |
| Stop time of products | 24-07-2010 (24JUL2010 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 286 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

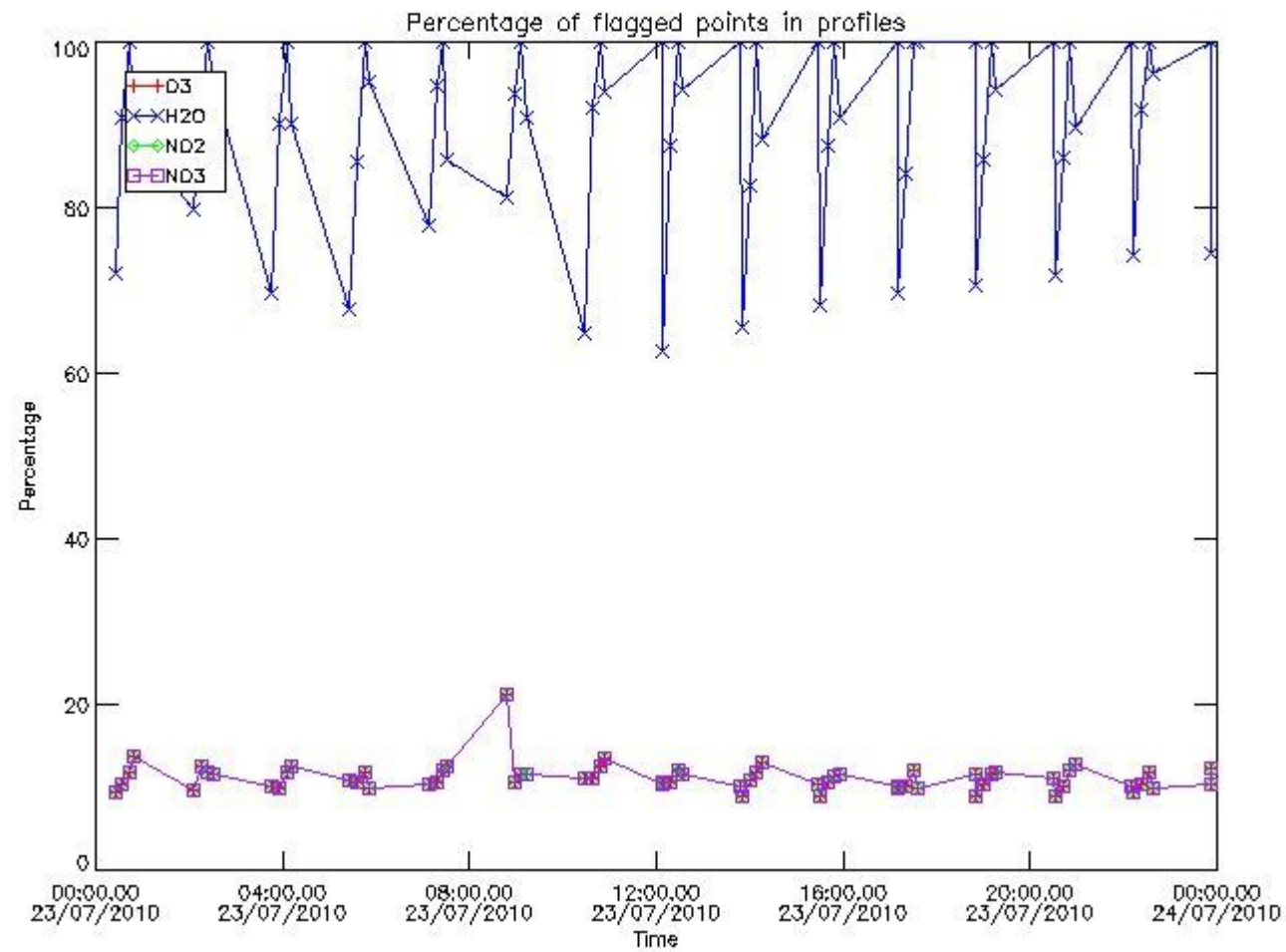
| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20100723_000757_000000462091_00245_43886_5440.N1 | 23-JUL-2010 00:07:57 | Bright | 46.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 92 | 43886 | No |
| 2 | GOM_NL__2PRFIN20100723_001226_000000462091_00245_43886_5441.N1 | 23-JUL-2010 00:12:26 | Bright | 45.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 91 | 43886 | No |
| 3 | GOM_NL__2PRFIN20100723_001355_000000452091_00245_43886_5442.N1 | 23-JUL-2010 00:13:55 | Bright | 45.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 90 | 43886 | No |
| 4 | GOM_NL__2PRFIN20100723_001659_000000512091_00245_43886_5443.N1 | 23-JUL-2010 00:16:59 | Bright | 51.000 | 79 | 26Bet Per | 2.3100 | 13100. | 102 | 43886 | No |
| 5 | GOM_NL__2PRFIN20100723_002010_000000502091_00245_43886_5444.N1 | 23-JUL-2010 00:20:10 | Twilight | 49.500 | 150 | 44Zet Per | 2.8900 | 28000. | 99 | 43886 | No |
| 6 | GOM_NL__2PRFIN20100723_002257_000000472091_00245_43886_5445.N1 | 23-JUL-2010 00:22:57 | Twilight | 46.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 93 | 43886 | No |
| 7 | GOM_NL__2PRFIN20100723_002432_000000542091_00245_43886_5446.N1 | 23-JUL-2010 00:24:32 | Dark | 54.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 108 | 43886 | No |
| 8 | GOM_NL__2PRFIN20100723_003428_000000492091_00245_43886_5447.N1 | 23-JUL-2010 00:34:28 | Dark | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 43886 | No |
| 9 | GOM_NL__2PRFIN20100723_004342_000000442091_00245_43886_5448.N1 | 23-JUL-2010 00:43:42 | Dark | 43.500 | 157 | The1Eri | 2.9060 | 9300.0 | 87 | 43886 | No |
| 10 | GOM_NL__2PRFIN20100723_004941_000000412091_00246_43887_5468.N1 | 23-JUL-2010 00:49:41 | Dark | 41.000 | 9 | Alp Eri | 0.45300 | 24000. | 82 | 43887 | No |
| 11 | GOM_NL__2PRFIN20100723_005329_000000532091_00246_43887_5469.N1 | 23-JUL-2010 00:53:29 | Straylight | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 43887 | No |
| 12 | GOM_NL__2PRFIN20100723_005700_000000422091_00246_43887_5470.N1 | 23-JUL-2010 00:57:00 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 43887 | No |
| 13 | GOM_NL__2PRFIN20100723_005841_000000642091_00246_43887_5471.N1 | 23-JUL-2010 00:58:41 | Straylight | 63.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 127 | 43887 | No |
| 14 | GOM_NL__2PRFIN20100723_010006_000000522091_00246_43887_5472.N1 | 23-JUL-2010 01:00:06 | Straylight | 52.000 | 31 | Alp Gru | 1.7340 | 15200. | 104 | 43887 | No |
| 15 | GOM_NL__2PRFIN20100723_010319_000000492091_00246_43887_5473.N1 | 23-JUL-2010 01:03:19 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 43887 | No |
| 16 | GOM_NL__2PRFIN20100723_012040_000000452091_00246_43887_5474.N1 | 23-JUL-2010 01:20:40 | Bright | 44.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 89 | 43887 | No |
| 17 | GOM_NL__2PRFIN20100723_012853_000000392091_00246_43887_5475.N1 | 23-JUL-2010 01:28:53 | Bright | 38.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 77 | 43887 | No |
| 18 | GOM_NL__2PRFIN20100723_013136_000000412091_00246_43887_5476.N1 | 23-JUL-2010 01:31:36 | Bright | 41.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 82 | 43887 | No |
| 19 | GOM_NL__2PRFIN20100723_013325_000000462091_00246_43887_5477.N1 | 23-JUL-2010 01:33:25 | Bright | 46.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 92 | 43887 | No |
| 20 | GOM_NL__2PRFIN20100723_013837_000000442091_00246_43887_5478.N1 | 23-JUL-2010 01:38:37 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 43887 | No |
| 21 | GOM_NL__2PRFIN20100723_014833_000000492091_00246_43887_5479.N1 | 23-JUL-2010 01:48:33 | Bright | 48.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 97 | 43887 | No |
| 22 | GOM_NL__2PRFIN20100723_015302_000000462091_00246_43887_5480.N1 | 23-JUL-2010 01:53:02 | Bright | 45.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 91 | 43887 | No |
| 23 | GOM_NL__2PRFIN20100723_015430_000000452091_00246_43887_5481.N1 | 23-JUL-2010 01:54:30 | Bright | 45.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 90 | 43887 | No |
| 24 | GOM_NL__2PRFIN20100723_015734_000000522091_00246_43887_5482.N1 | 23-JUL-2010 01:57:34 | Bright | 51.500 | 79 | 26Bet Per | 2.3100 | 13100. | 103 | 43887 | No |
| 25 | GOM_NL__2PRFIN20100723_020046_000000472091_00246_43887_5483.N1 | 23-JUL-2010 02:00:46 | Twilight | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 43887 | No |
| 26 | GOM_NL__2PRFIN20100723_020333_000000472091_00246_43887_5484.N1 | 23-JUL-2010 02:03:33 | Twilight | 46.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 93 | 43887 | No |
| 27 | GOM_NL__2PRFIN20100723_020508_000000522091_00246_43887_5485.N1 | 23-JUL-2010 02:05:08 | Dark | 52.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 104 | 43887 | No |
| 28 | GOM_NL__2PRFIN20100723_021505_000000492091_00246_43887_5486.N1 | 23-JUL-2010 02:15:05 | Dark | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 43887 | No |
| 29 | GOM_NL__2PRFIN20100723_022419_000000432091_00246_43887_5487.N1 | 23-JUL-2010 02:24:19 | Dark | 43.000 | 157 | The1Eri | 2.9060 | 9300.0 | 86 | 43887 | No |
| 30 | GOM_NL__2PRFIN20100723_023017_000000532091_00247_43888_5501.N1 | 23-JUL-2010 02:30:17 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 43888 | No |
| 31 | GOM_NL__2PRFIN20100723_023406_000000532091_00247_43888_5502.N1 | 23-JUL-2010 02:34:06 | Straylight | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 43888 | No |
| 32 | GOM_NL__2PRFIN20100723_023736_000000462091_00247_43888_5503.N1 | 23-JUL-2010 02:37:36 | Straylight | 45.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 91 | 43888 | No |
| 33 | GOM_NL__2PRFIN20100723_023918_000000652091_00247_43888_5504.N1 | 23-JUL-2010 02:39:18 | Straylight | 65.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 130 | 43888 | No |
| 34 | GOM_NL__2PRFIN20100723_024043_000000542091_00247_43888_5505.N1 | 23-JUL-2010 02:40:43 | Straylight | 53.500 | 31 | Alp Gru | 1.7340 | 15200. | 107 | 43888 | No |
| 35 | GOM_NL__2PRFIN20100723_024356_000000502091_00247_43888_5506.N1 | 23-JUL-2010 02:43:56 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 43888 | No |
| 36 | GOM_NL__2PRFIN20100723_030116_000000412091_00247_43888_5507.N1 | 23-JUL-2010 03:01:16 | Bright | 41.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 82 | 43888 | No |
| 37 | GOM_NL__2PRFIN20100723_030929_000000372091_00247_43888_5508.N1 | 23-JUL-2010 03:09:29 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 43888 | No |
| 38 | GOM_NL__2PRFIN20100723_031212_000000392091_00247_43888_5509.N1 | 23-JUL-2010 03:12:12 | Bright | 39.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 78 | 43888 | No |
| 39 | GOM_NL__2PRFIN20100723_031400_000000432091_00247_43888_5510.N1 | 23-JUL-2010 03:14:00 | Bright | 42.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 85 | 43888 | No |
| 40 | GOM_NL__2PRFIN20100723_031912_000000442091_00247_43888_5511.N1 | 23-JUL-2010 03:19:12 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 43888 | No |
| 41 | GOM_NL__2PRFIN20100723_032908_000000472091_00247_43888_5512.N1 | 23-JUL-2010 03:29:08 | Bright | 47.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 94 | 43888 | No |
| 42 | GOM_NL__2PRFIN20100723_033338_000000442091_00247_43888_5513.N1 | 23-JUL-2010 03:33:38 | Bright | 43.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 87 | 43888 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|----|-------|----|
| 279 | GOM_NL__2PRFIN20100723_232617_000000442091_00259_43900_5839.N1 | 23-JUL-2010 23:26:17 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 43900 | No |
| 280 | GOM_NL__2PRFIN20100723_233613_000000482091_00259_43900_5840.N1 | 23-JUL-2010 23:36:13 | Bright | 47.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 95 | 43900 | No |
| 281 | GOM_NL__2PRFIN20100723_234046_000000432091_00259_43900_5841.N1 | 23-JUL-2010 23:40:46 | Bright | 43.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 86 | 43900 | No |
| 282 | GOM_NL__2PRFIN20100723_234215_000000462091_00259_43900_5842.N1 | 23-JUL-2010 23:42:15 | Bright | 45.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 91 | 43900 | No |
| 283 | GOM_NL__2PRFIN20100723_234547_000000422091_00259_43900_5843.N1 | 23-JUL-2010 23:45:47 | Bright | 42.000 | 149 | 45Eps Per | 2.8880 | 30000. | 84 | 43900 | No |
| 284 | GOM_NL__2PRFIN20100723_234835_000000482091_00259_43900_5844.N1 | 23-JUL-2010 23:48:35 | Twilight_stray | 48.000 | 150 | 44Zet Per | 2.8900 | 28000. | 96 | 43900 | No |
| 285 | GOM_NL__2PRFIN20100723_235124_000000492091_00259_43900_5845.N1 | 23-JUL-2010 23:51:24 | Dark | 49.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 98 | 43900 | No |
| 286 | GOM_NL__2PRFIN20100723_235259_000000422091_00259_43900_5846.N1 | 23-JUL-2010 23:52:59 | Dark | 41.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 83 | 43900 | No |

3. Quality information per product

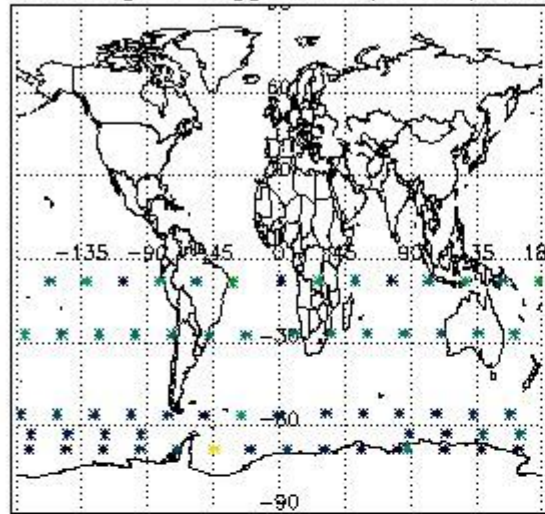
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

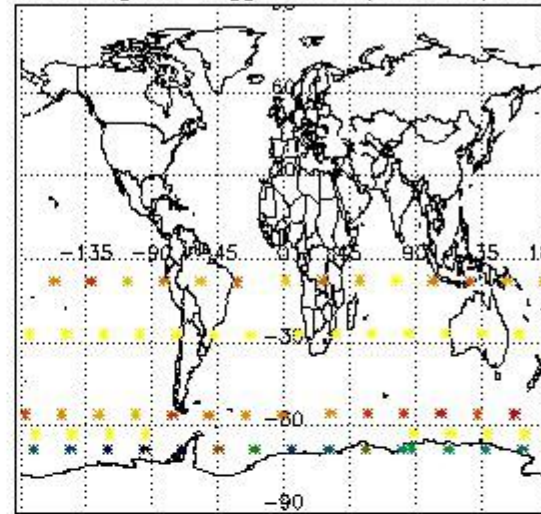


3.2 Plot quality information per product (world map)

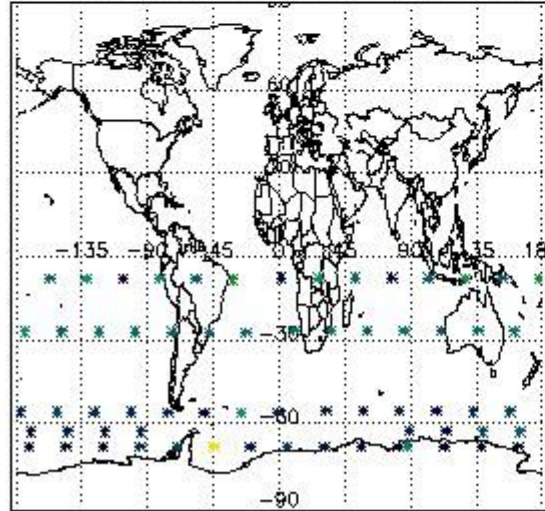
Percentage of flagged data per O3 profile



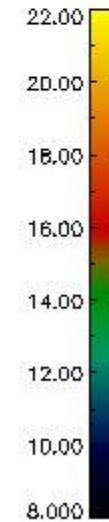
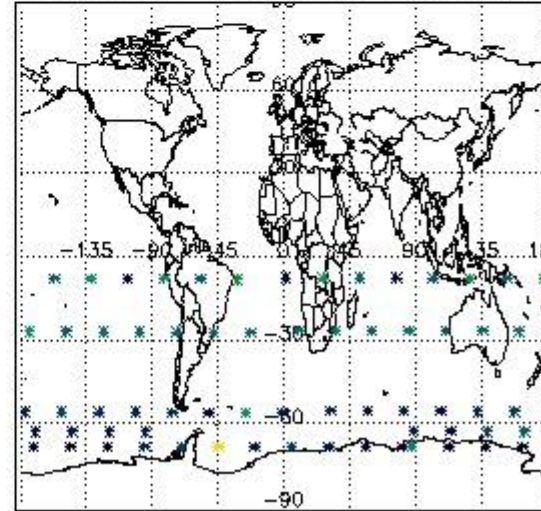
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

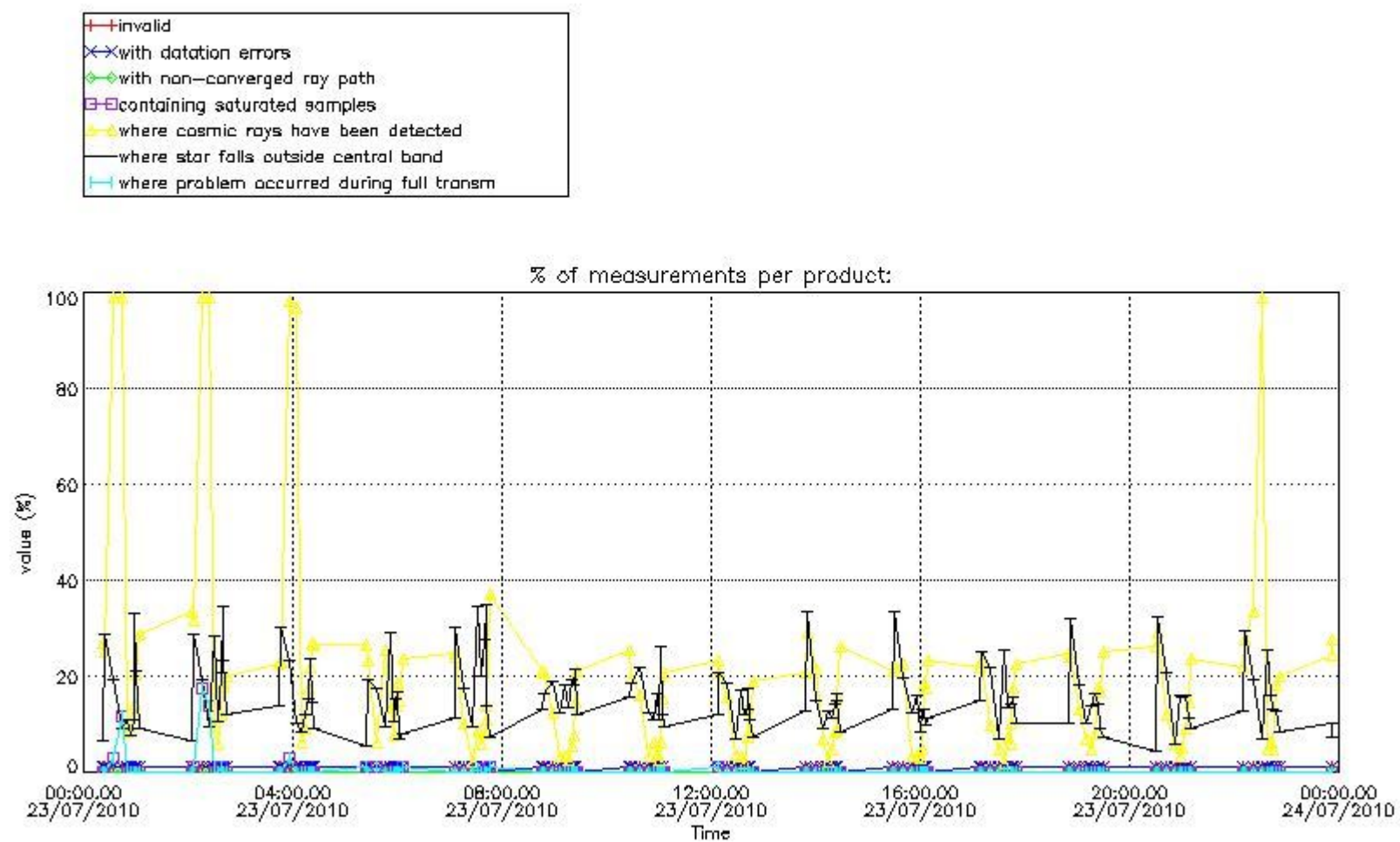


4. Level 1 quality information per product

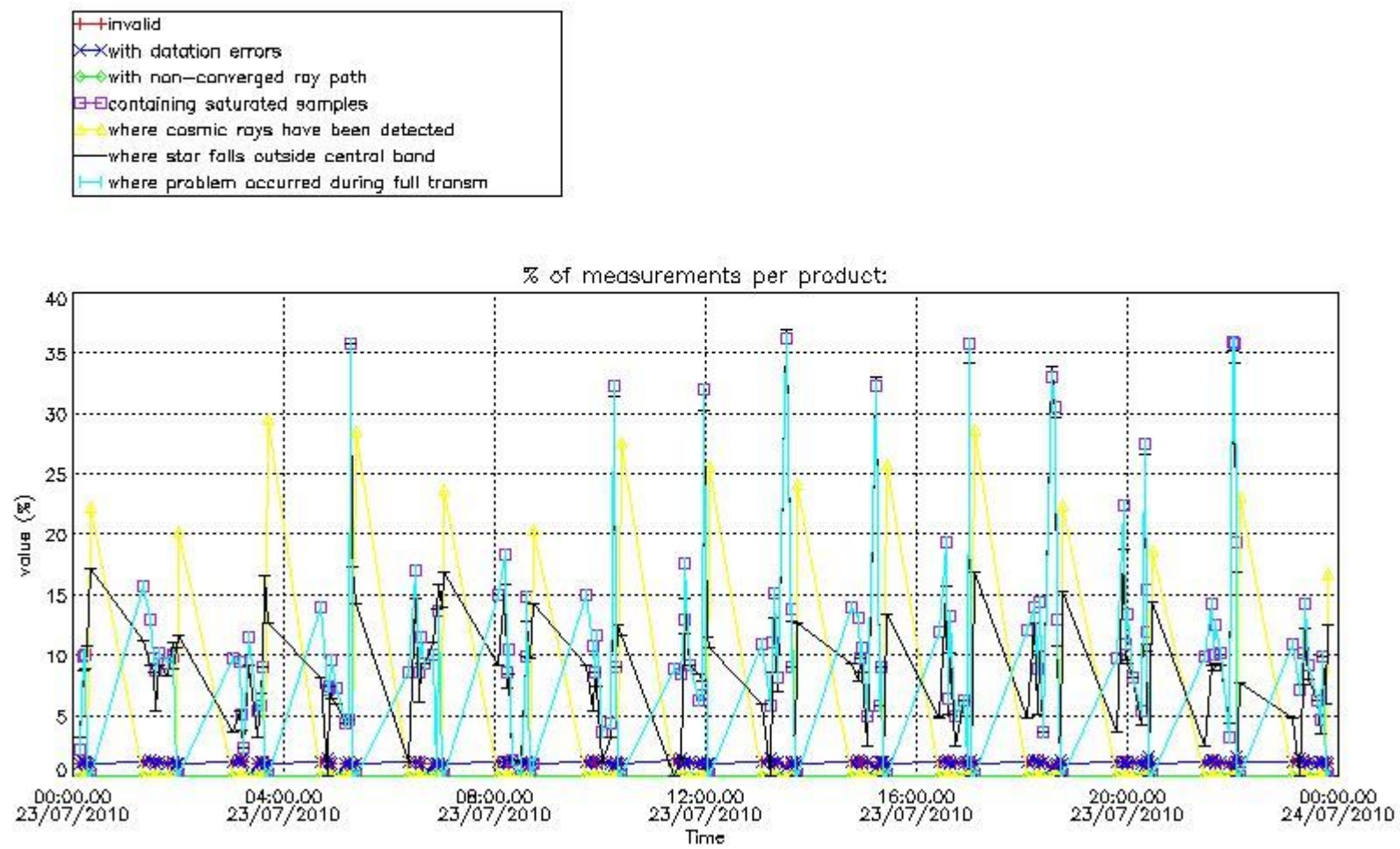
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



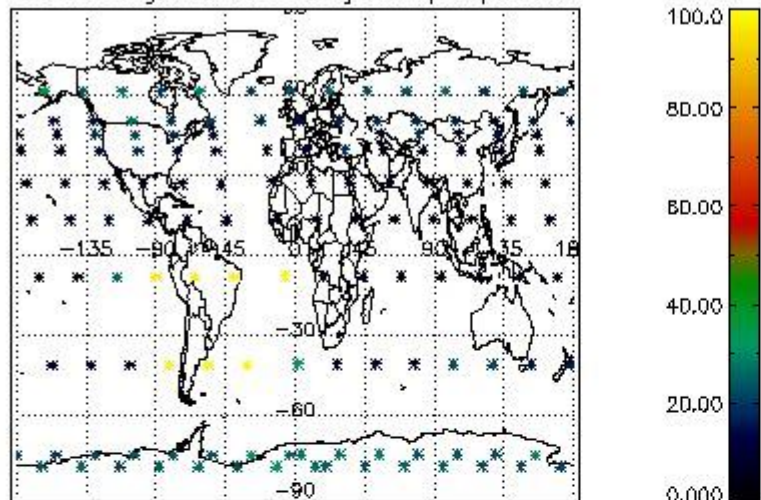
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



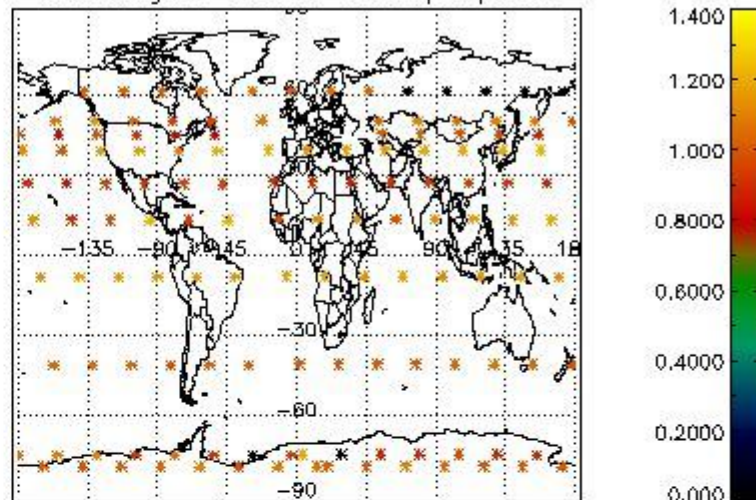
4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

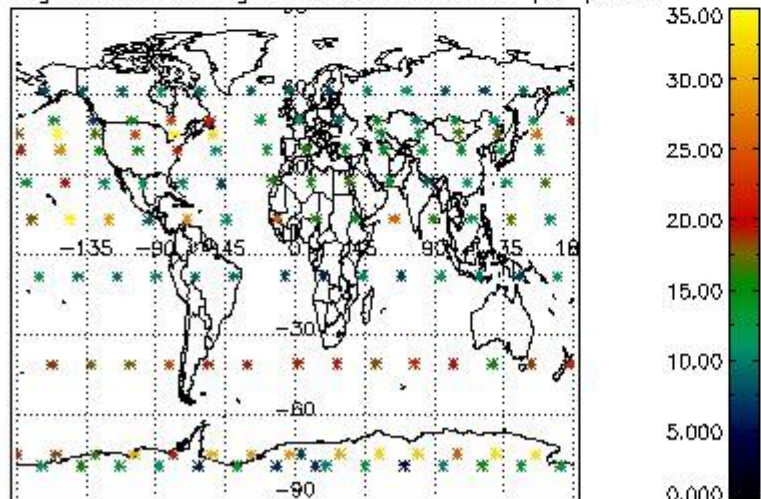
Percentage of cosmic ray hits per profile



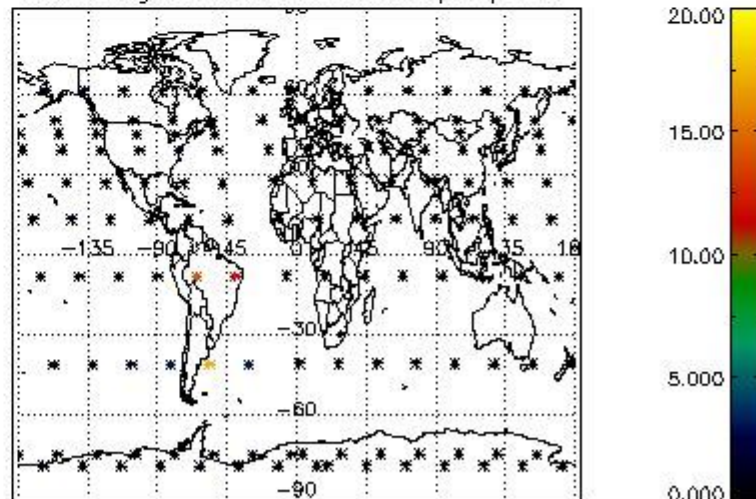
Percentage of datation errors per profile



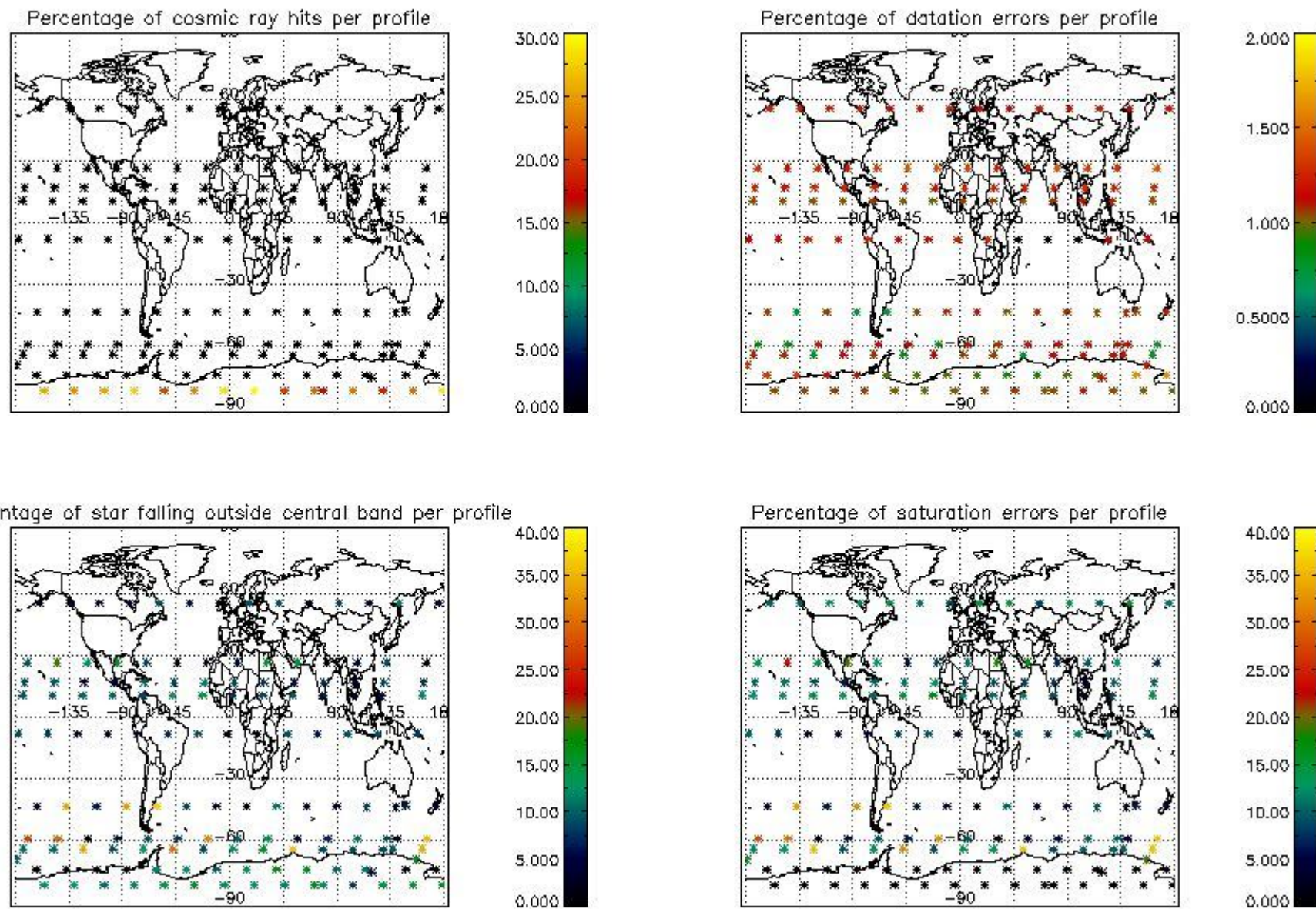
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

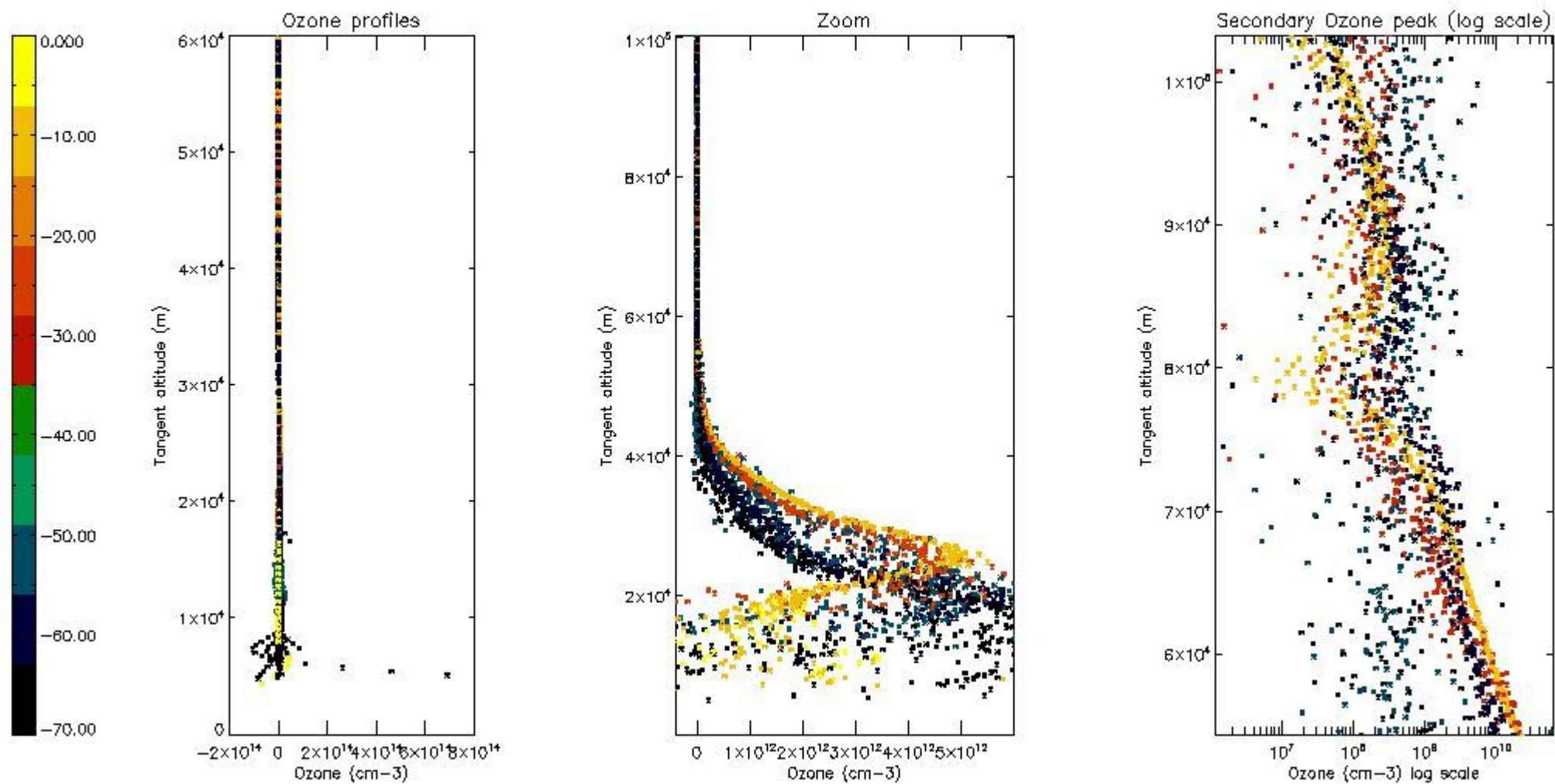
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 23 |
| STD < 20 | 9 |

| | |
|----------|---|
| STD < 10 | 6 |
| STD < 5 | 3 |

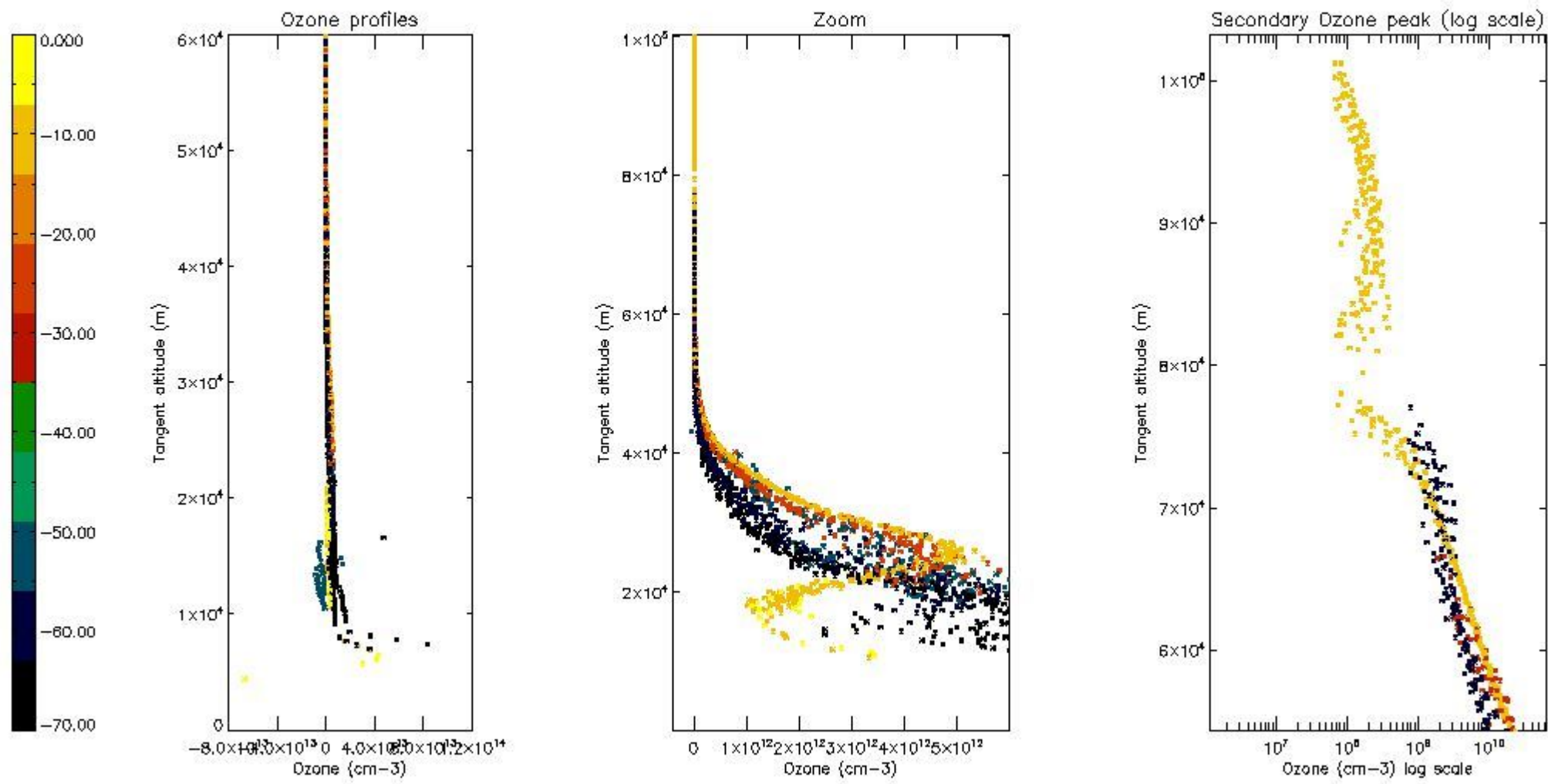
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



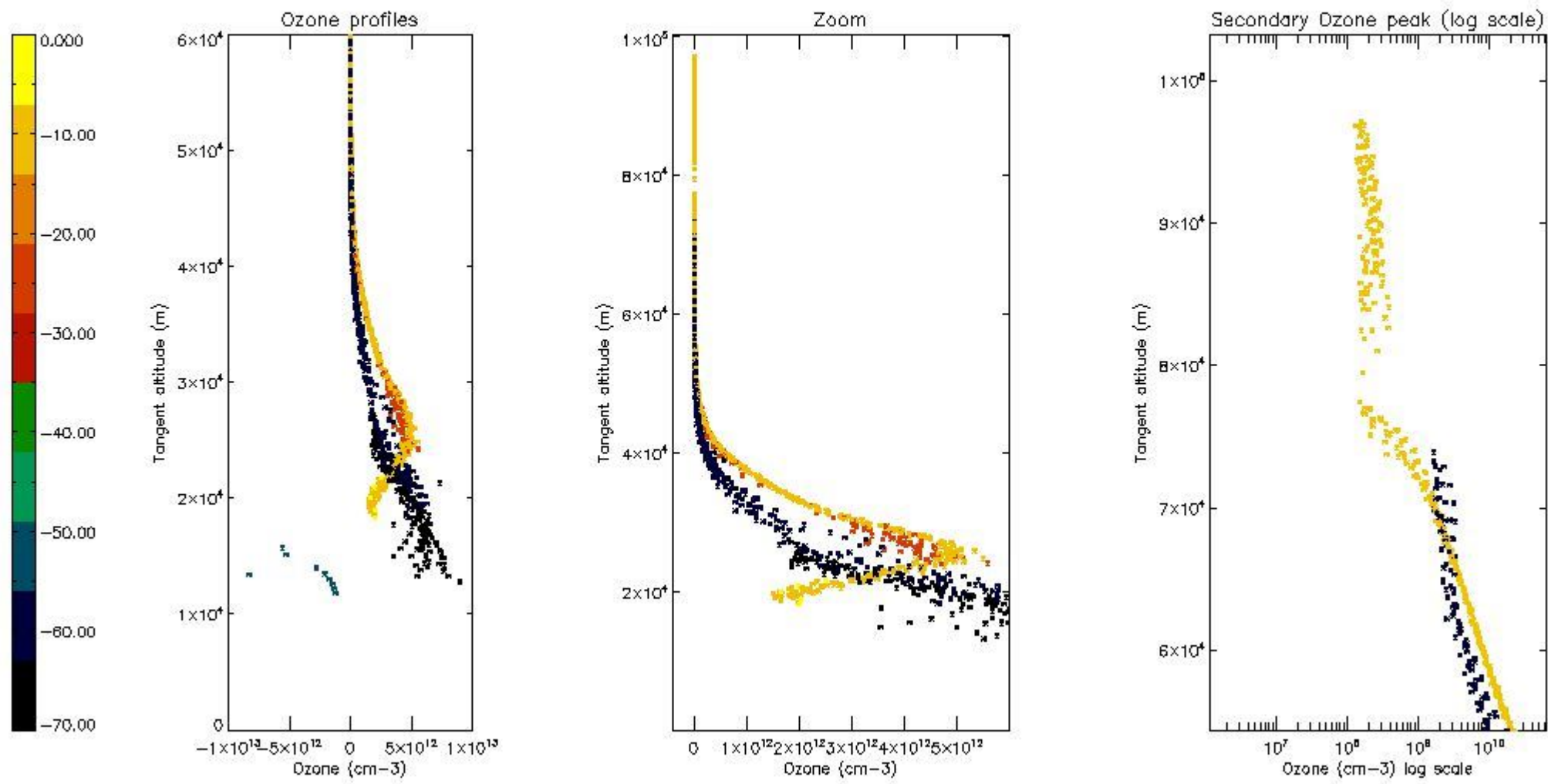
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



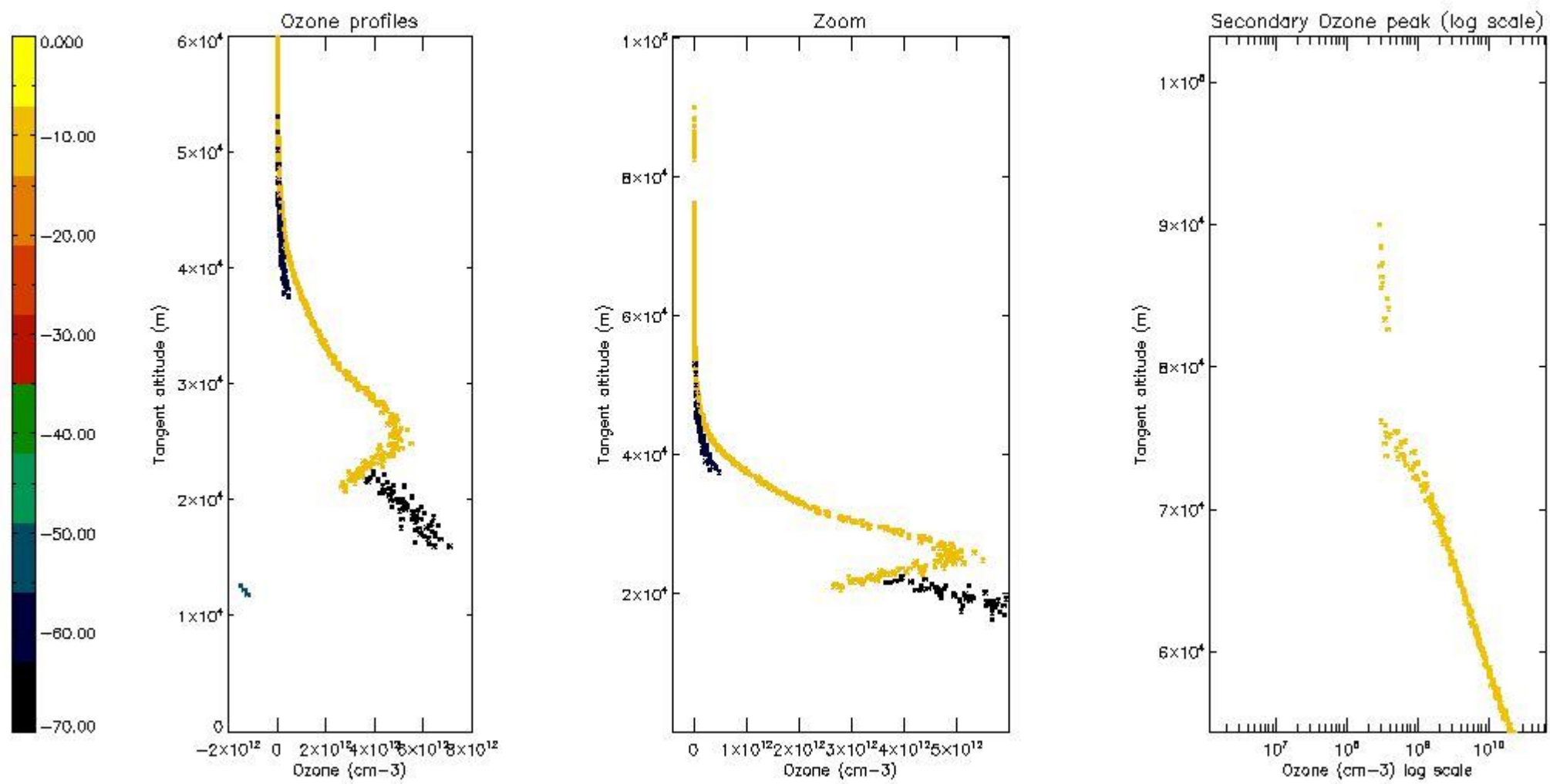
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



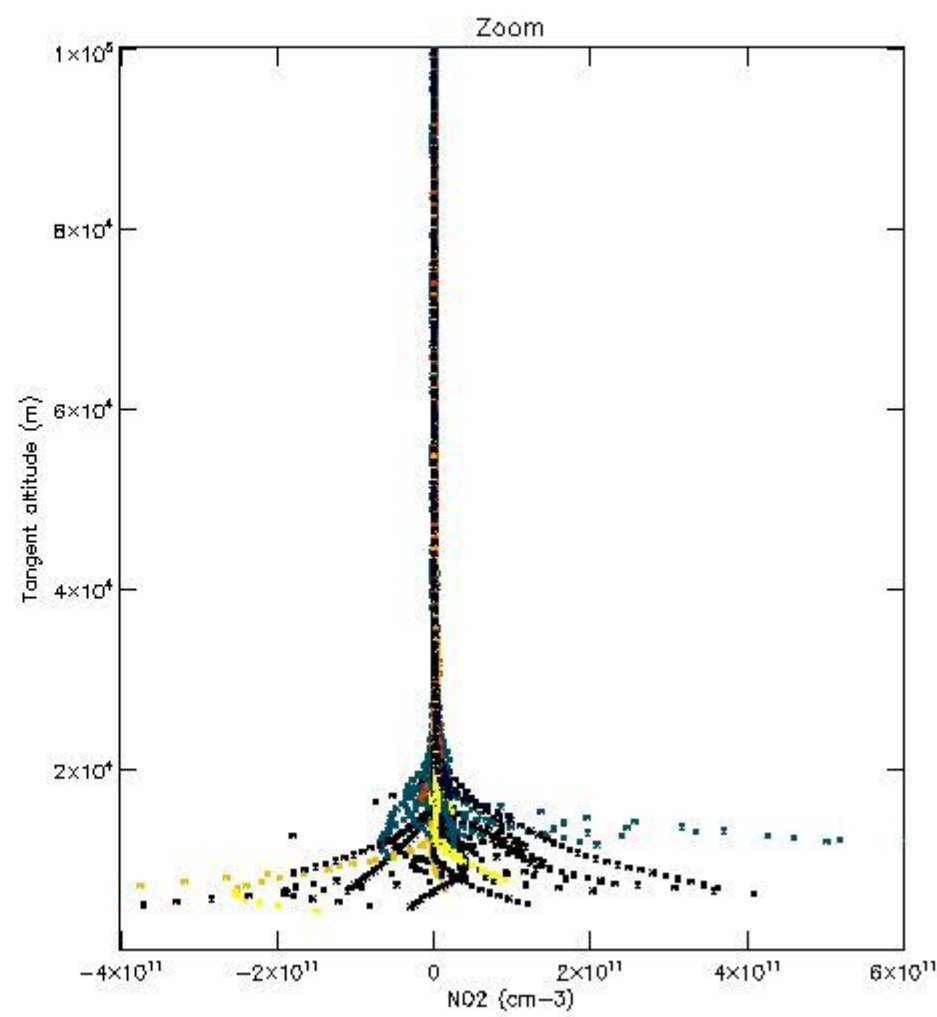
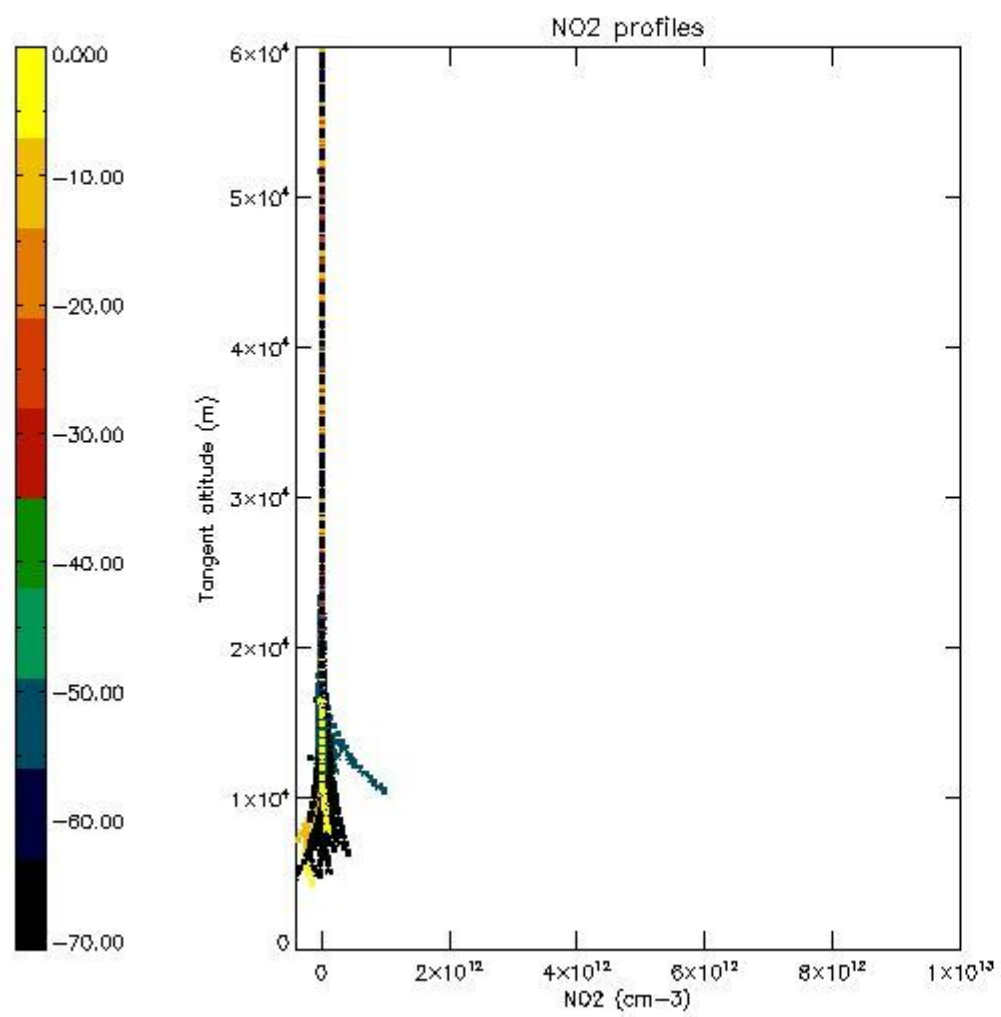
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



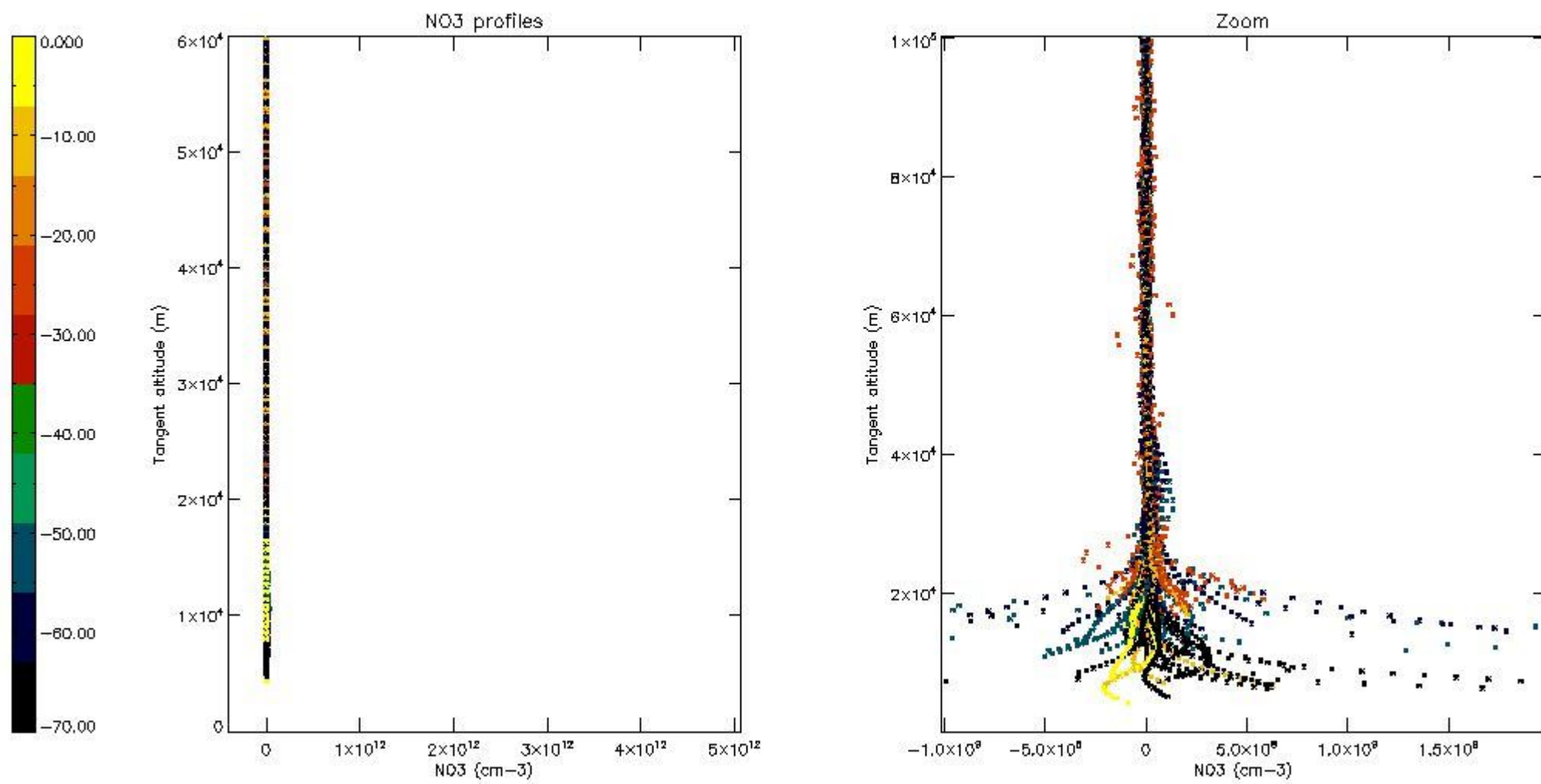
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



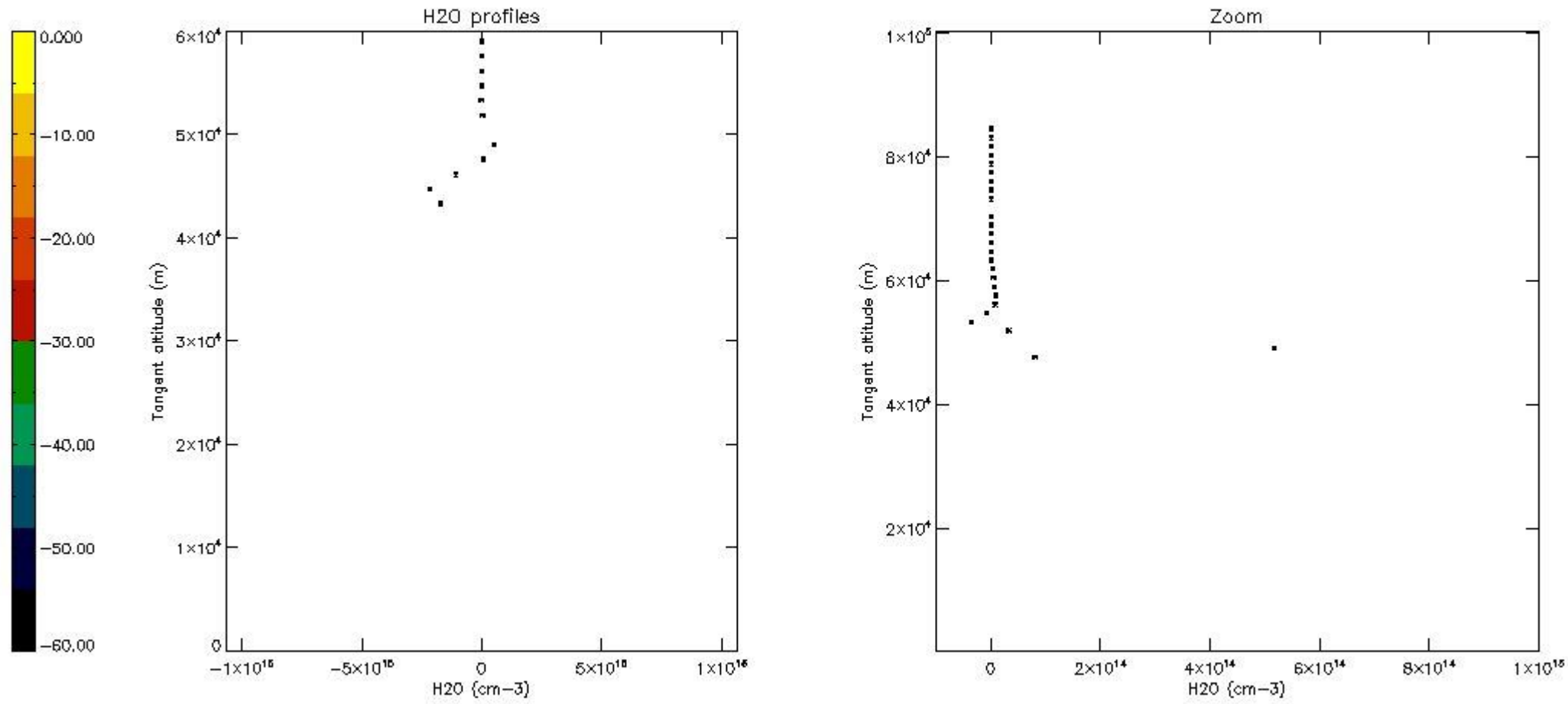
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 23-JUL-2010 00:07:57 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 23-JUL-2010 00:07:57 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 23-JUL-2010 00:07:57 |

GOMOS Level 2 Daily Report

SUMMARY

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[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

[4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 29APR2013 13:20:56 |
| Data source version | GOMOS/6.01 |
| Start time of products | 23-07-2010 (23JUL2010 00:00:00) |
| Stop time of products | 24-07-2010 (24JUL2010 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 286 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20100723_000757_000000462091_00245_43886_5440.N1 | 23-JUL-2010 00:07:57 | Bright | 46.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 92 | 43886 | No |
| 2 | GOM_NL__2PRFIN20100723_001226_000000462091_00245_43886_5441.N1 | 23-JUL-2010 00:12:26 | Bright | 45.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 91 | 43886 | No |
| 3 | GOM_NL__2PRFIN20100723_001355_000000452091_00245_43886_5442.N1 | 23-JUL-2010 00:13:55 | Bright | 45.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 90 | 43886 | No |
| 4 | GOM_NL__2PRFIN20100723_001659_000000512091_00245_43886_5443.N1 | 23-JUL-2010 00:16:59 | Bright | 51.000 | 79 | 26Bet Per | 2.3100 | 13100. | 102 | 43886 | No |
| 5 | GOM_NL__2PRFIN20100723_002010_000000502091_00245_43886_5444.N1 | 23-JUL-2010 00:20:10 | Twilight | 49.500 | 150 | 44Zet Per | 2.8900 | 28000. | 99 | 43886 | No |
| 6 | GOM_NL__2PRFIN20100723_002257_000000472091_00245_43886_5445.N1 | 23-JUL-2010 00:22:57 | Twilight | 46.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 93 | 43886 | No |
| 7 | GOM_NL__2PRFIN20100723_002432_000000542091_00245_43886_5446.N1 | 23-JUL-2010 00:24:32 | Dark | 54.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 108 | 43886 | No |
| 8 | GOM_NL__2PRFIN20100723_003428_000000492091_00245_43886_5447.N1 | 23-JUL-2010 00:34:28 | Dark | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 43886 | No |
| 9 | GOM_NL__2PRFIN20100723_004342_000000442091_00245_43886_5448.N1 | 23-JUL-2010 00:43:42 | Dark | 43.500 | 157 | The1Eri | 2.9060 | 9300.0 | 87 | 43886 | No |
| 10 | GOM_NL__2PRFIN20100723_004941_000000412091_00246_43887_5468.N1 | 23-JUL-2010 00:49:41 | Dark | 41.000 | 9 | Alp Eri | 0.45300 | 24000. | 82 | 43887 | No |
| 11 | GOM_NL__2PRFIN20100723_005329_000000532091_00246_43887_5469.N1 | 23-JUL-2010 00:53:29 | Straylight | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 43887 | No |
| 12 | GOM_NL__2PRFIN20100723_005700_000000422091_00246_43887_5470.N1 | 23-JUL-2010 00:57:00 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 43887 | No |
| 13 | GOM_NL__2PRFIN20100723_005841_000000642091_00246_43887_5471.N1 | 23-JUL-2010 00:58:41 | Straylight | 63.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 127 | 43887 | No |
| 14 | GOM_NL__2PRFIN20100723_010006_000000522091_00246_43887_5472.N1 | 23-JUL-2010 01:00:06 | Straylight | 52.000 | 31 | Alp Gru | 1.7340 | 15200. | 104 | 43887 | No |
| 15 | GOM_NL__2PRFIN20100723_010319_000000492091_00246_43887_5473.N1 | 23-JUL-2010 01:03:19 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 43887 | No |
| 16 | GOM_NL__2PRFIN20100723_012040_000000452091_00246_43887_5474.N1 | 23-JUL-2010 01:20:40 | Bright | 44.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 89 | 43887 | No |
| 17 | GOM_NL__2PRFIN20100723_012853_000000392091_00246_43887_5475.N1 | 23-JUL-2010 01:28:53 | Bright | 38.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 77 | 43887 | No |
| 18 | GOM_NL__2PRFIN20100723_013136_000000412091_00246_43887_5476.N1 | 23-JUL-2010 01:31:36 | Bright | 41.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 82 | 43887 | No |
| 19 | GOM_NL__2PRFIN20100723_013325_000000462091_00246_43887_5477.N1 | 23-JUL-2010 01:33:25 | Bright | 46.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 92 | 43887 | No |
| 20 | GOM_NL__2PRFIN20100723_013837_000000442091_00246_43887_5478.N1 | 23-JUL-2010 01:38:37 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 43887 | No |
| 21 | GOM_NL__2PRFIN20100723_014833_000000492091_00246_43887_5479.N1 | 23-JUL-2010 01:48:33 | Bright | 48.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 97 | 43887 | No |
| 22 | GOM_NL__2PRFIN20100723_015302_000000462091_00246_43887_5480.N1 | 23-JUL-2010 01:53:02 | Bright | 45.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 91 | 43887 | No |
| 23 | GOM_NL__2PRFIN20100723_015430_000000452091_00246_43887_5481.N1 | 23-JUL-2010 01:54:30 | Bright | 45.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 90 | 43887 | No |
| 24 | GOM_NL__2PRFIN20100723_015734_000000522091_00246_43887_5482.N1 | 23-JUL-2010 01:57:34 | Bright | 51.500 | 79 | 26Bet Per | 2.3100 | 13100. | 103 | 43887 | No |
| 25 | GOM_NL__2PRFIN20100723_020046_000000472091_00246_43887_5483.N1 | 23-JUL-2010 02:00:46 | Twilight | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 43887 | No |
| 26 | GOM_NL__2PRFIN20100723_020333_000000472091_00246_43887_5484.N1 | 23-JUL-2010 02:03:33 | Twilight | 46.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 93 | 43887 | No |
| 27 | GOM_NL__2PRFIN20100723_020508_000000522091_00246_43887_5485.N1 | 23-JUL-2010 02:05:08 | Dark | 52.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 104 | 43887 | No |
| 28 | GOM_NL__2PRFIN20100723_021505_000000492091_00246_43887_5486.N1 | 23-JUL-2010 02:15:05 | Dark | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 43887 | No |
| 29 | GOM_NL__2PRFIN20100723_022419_000000432091_00246_43887_5487.N1 | 23-JUL-2010 02:24:19 | Dark | 43.000 | 157 | The1Eri | 2.9060 | 9300.0 | 86 | 43887 | No |
| 30 | GOM_NL__2PRFIN20100723_023017_000000532091_00247_43888_5501.N1 | 23-JUL-2010 02:30:17 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 43888 | No |
| 31 | GOM_NL__2PRFIN20100723_023406_000000532091_00247_43888_5502.N1 | 23-JUL-2010 02:34:06 | Straylight | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 43888 | No |
| 32 | GOM_NL__2PRFIN20100723_023736_000000462091_00247_43888_5503.N1 | 23-JUL-2010 02:37:36 | Straylight | 45.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 91 | 43888 | No |
| 33 | GOM_NL__2PRFIN20100723_023918_000000652091_00247_43888_5504.N1 | 23-JUL-2010 02:39:18 | Straylight | 65.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 130 | 43888 | No |
| 34 | GOM_NL__2PRFIN20100723_024043_000000542091_00247_43888_5505.N1 | 23-JUL-2010 02:40:43 | Straylight | 53.500 | 31 | Alp Gru | 1.7340 | 15200. | 107 | 43888 | No |
| 35 | GOM_NL__2PRFIN20100723_024356_000000502091_00247_43888_5506.N1 | 23-JUL-2010 02:43:56 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 43888 | No |
| 36 | GOM_NL__2PRFIN20100723_030116_000000412091_00247_43888_5507.N1 | 23-JUL-2010 03:01:16 | Bright | 41.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 82 | 43888 | No |
| 37 | GOM_NL__2PRFIN20100723_030929_000000372091_00247_43888_5508.N1 | 23-JUL-2010 03:09:29 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 43888 | No |
| 38 | GOM_NL__2PRFIN20100723_031212_000000392091_00247_43888_5509.N1 | 23-JUL-2010 03:12:12 | Bright | 39.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 78 | 43888 | No |
| 39 | GOM_NL__2PRFIN20100723_031400_000000432091_00247_43888_5510.N1 | 23-JUL-2010 03:14:00 | Bright | 42.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 85 | 43888 | No |
| 40 | GOM_NL__2PRFIN20100723_031912_000000442091_00247_43888_5511.N1 | 23-JUL-2010 03:19:12 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 43888 | No |
| 41 | GOM_NL__2PRFIN20100723_032908_000000472091_00247_43888_5512.N1 | 23-JUL-2010 03:29:08 | Bright | 47.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 94 | 43888 | No |
| 42 | GOM_NL__2PRFIN20100723_033338_000000442091_00247_43888_5513.N1 | 23-JUL-2010 03:33:38 | Bright | 43.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 87 | 43888 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20100723_033506_000000452091_00247_43888_5514.N1 | 23-JUL-2010 03:35:06 | Bright | 44.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 89 | 43888 | No |
| 44 | GOM_NL__2PRFIN20100723_033810_000000552091_00247_43888_5515.N1 | 23-JUL-2010 03:38:10 | Bright | 54.500 | 79 | 26Bet Per | 2.3100 | 13100. | 109 | 43888 | No |
| 45 | GOM_NL__2PRFIN20100723_034122_000000482091_00247_43888_5516.N1 | 23-JUL-2010 03:41:22 | Twilight | 47.500 | 150 | 44Zet Per | 2.8900 | 28000. | 95 | 43888 | No |
| 46 | GOM_NL__2PRFIN20100723_034409_000000512091_00247_43888_5517.N1 | 23-JUL-2010 03:44:09 | Twilight | 51.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 102 | 43888 | No |
| 47 | GOM_NL__2PRFIN20100723_034544_000000552091_00247_43888_5518.N1 | 23-JUL-2010 03:45:44 | Dark | 55.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 110 | 43888 | No |
| 48 | GOM_NL__2PRFIN20100723_035542_000000522091_00247_43888_5519.N1 | 23-JUL-2010 03:55:42 | Dark | 51.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 103 | 43888 | No |
| 49 | GOM_NL__2PRFIN20100723_040456_000000442091_00247_43888_5520.N1 | 23-JUL-2010 04:04:56 | Dark | 43.500 | 157 | The1Eri | 2.9060 | 9300.0 | 87 | 43888 | No |
| 50 | GOM_NL__2PRFIN20100723_041054_000000412091_00248_43889_5515.N1 | 23-JUL-2010 04:10:54 | Dark | 41.000 | 9 | Alp Eri | 0.45300 | 24000. | 82 | 43889 | No |
| 51 | GOM_NL__2PRFIN20100723_041443_000000552091_00248_43889_5516.N1 | 23-JUL-2010 04:14:43 | Straylight | 54.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 109 | 43889 | No |
| 52 | GOM_NL__2PRFIN20100723_041813_000000432091_00248_43889_5517.N1 | 23-JUL-2010 04:18:13 | Straylight | 43.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 86 | 43889 | No |
| 53 | GOM_NL__2PRFIN20100723_041955_000000552091_00248_43889_5518.N1 | 23-JUL-2010 04:19:55 | Straylight | 55.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 110 | 43889 | No |
| 54 | GOM_NL__2PRFIN20100723_042119_000000492091_00248_43889_5519.N1 | 23-JUL-2010 04:21:19 | Straylight | 48.500 | 31 | Alp Gru | 1.7340 | 15200. | 97 | 43889 | No |
| 55 | GOM_NL__2PRFIN20100723_042433_000000492091_00248_43889_5520.N1 | 23-JUL-2010 04:24:33 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 43889 | No |
| 56 | GOM_NL__2PRFIN20100723_044152_000000432091_00248_43889_5521.N1 | 23-JUL-2010 04:41:52 | Bright | 43.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 86 | 43889 | No |
| 57 | GOM_NL__2PRFIN20100723_045005_000000352091_00248_43889_5522.N1 | 23-JUL-2010 04:50:05 | Bright | 35.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 70 | 43889 | No |
| 58 | GOM_NL__2PRFIN20100723_045247_000000412091_00248_43889_5523.N1 | 23-JUL-2010 04:52:47 | Bright | 40.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 81 | 43889 | No |
| 59 | GOM_NL__2PRFIN20100723_045436_000000472091_00248_43889_5524.N1 | 23-JUL-2010 04:54:36 | Bright | 47.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 94 | 43889 | No |
| 60 | GOM_NL__2PRFIN20100723_045948_000000422091_00248_43889_5525.N1 | 23-JUL-2010 04:59:48 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 43889 | No |
| 61 | GOM_NL__2PRFIN20100723_050943_000000472091_00248_43889_5526.N1 | 23-JUL-2010 05:09:43 | Bright | 46.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 93 | 43889 | No |
| 62 | GOM_NL__2PRFIN20100723_051414_000000432091_00248_43889_5527.N1 | 23-JUL-2010 05:14:14 | Bright | 43.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 86 | 43889 | No |
| 63 | GOM_NL__2PRFIN20100723_051542_000000632091_00248_43889_5528.N1 | 23-JUL-2010 05:15:42 | Bright | 63.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 126 | 43889 | No |
| 64 | GOM_NL__2PRFIN20100723_051846_000000552091_00248_43889_5529.N1 | 23-JUL-2010 05:18:46 | Bright | 55.000 | 79 | 26Bet Per | 2.3100 | 13100. | 110 | 43889 | No |
| 65 | GOM_NL__2PRFIN20100723_052159_000000492091_00248_43889_5530.N1 | 23-JUL-2010 05:21:59 | Twilight | 49.000 | 150 | 44Zet Per | 2.8900 | 28000. | 98 | 43889 | No |
| 66 | GOM_NL__2PRFIN20100723_052445_000000462091_00248_43889_5531.N1 | 23-JUL-2010 05:24:45 | Twilight | 45.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 91 | 43889 | No |
| 67 | GOM_NL__2PRFIN20100723_052621_000000472091_00248_43889_5532.N1 | 23-JUL-2010 05:26:21 | Dark | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 43889 | No |
| 68 | GOM_NL__2PRFIN20100723_053618_000000492091_00248_43889_5533.N1 | 23-JUL-2010 05:36:18 | Dark | 48.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 97 | 43889 | No |
| 69 | GOM_NL__2PRFIN20100723_054533_000000432091_00248_43889_5534.N1 | 23-JUL-2010 05:45:33 | Dark | 43.000 | 157 | The1Eri | 2.9060 | 9300.0 | 86 | 43889 | No |
| 70 | GOM_NL__2PRFIN20100723_055131_000000522091_00249_43890_5525.N1 | 23-JUL-2010 05:51:31 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 43890 | No |
| 71 | GOM_NL__2PRFIN20100723_055521_000000532091_00249_43890_5526.N1 | 23-JUL-2010 05:55:21 | Straylight | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 43890 | No |
| 72 | GOM_NL__2PRFIN20100723_055849_000000432091_00249_43890_5527.N1 | 23-JUL-2010 05:58:49 | Straylight | 43.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 86 | 43890 | No |
| 73 | GOM_NL__2PRFIN20100723_060031_000000512091_00249_43890_5528.N1 | 23-JUL-2010 06:00:31 | Straylight | 51.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 102 | 43890 | No |
| 74 | GOM_NL__2PRFIN20100723_060156_000000442091_00249_43890_5529.N1 | 23-JUL-2010 06:01:56 | Straylight | 44.000 | 31 | Alp Gru | 1.7340 | 15200. | 88 | 43890 | No |
| 75 | GOM_NL__2PRFIN20100723_060509_000000492091_00249_43890_5530.N1 | 23-JUL-2010 06:05:09 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 43890 | No |
| 76 | GOM_NL__2PRFIN20100723_062228_000000412091_00249_43890_5531.N1 | 23-JUL-2010 06:22:28 | Bright | 40.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 81 | 43890 | No |
| 77 | GOM_NL__2PRFIN20100723_063040_000000412091_00249_43890_5532.N1 | 23-JUL-2010 06:30:40 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 43890 | No |
| 78 | GOM_NL__2PRFIN20100723_063323_000000412091_00249_43890_5533.N1 | 23-JUL-2010 06:33:23 | Bright | 40.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 81 | 43890 | No |
| 79 | GOM_NL__2PRFIN20100723_063511_000000482091_00249_43890_5534.N1 | 23-JUL-2010 06:35:11 | Bright | 48.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 96 | 43890 | No |
| 80 | GOM_NL__2PRFIN20100723_064023_000000432091_00249_43890_5535.N1 | 23-JUL-2010 06:40:23 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 43890 | No |
| 81 | GOM_NL__2PRFIN20100723_065019_000000502091_00249_43890_5536.N1 | 23-JUL-2010 06:50:19 | Bright | 49.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 99 | 43890 | No |
| 82 | GOM_NL__2PRFIN20100723_065449_000000472091_00249_43890_5537.N1 | 23-JUL-2010 06:54:49 | Bright | 47.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 94 | 43890 | No |
| 83 | GOM_NL__2PRFIN20100723_065618_000000482091_00249_43890_5538.N1 | 23-JUL-2010 06:56:18 | Bright | 47.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 95 | 43890 | No |
| 84 | GOM_NL__2PRFIN20100723_065922_000000542091_00249_43890_5539.N1 | 23-JUL-2010 06:59:22 | Bright | 53.500 | 79 | 26Bet Per | 2.3100 | 13100. | 107 | 43890 | No |
| 85 | GOM_NL__2PRFIN20100723_070234_000000512091_00249_43890_5540.N1 | 23-JUL-2010 07:02:34 | Twilight | 50.500 | 150 | 44Zet Per | 2.8900 | 28000. | 101 | 43890 | No |
| 86 | GOM_NL__2PRFIN20100723_070522_000000492091_00249_43890_5541.N1 | 23-JUL-2010 07:05:22 | Twilight | 48.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 97 | 43890 | No |
| 87 | GOM_NL__2PRFIN20100723_070657_000000552091_00249_43890_5542.N1 | 23-JUL-2010 07:06:57 | Dark | 54.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 109 | 43890 | No |
| 88 | GOM_NL__2PRFIN20100723_071655_000000492091_00249_43890_5543.N1 | 23-JUL-2010 07:16:55 | Dark | 48.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 97 | 43890 | No |
| 89 | GOM_NL__2PRFIN20100723_072610_000000432091_00249_43890_5544.N1 | 23-JUL-2010 07:26:10 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 43890 | No |
| 90 | GOM_NL__2PRFIN20100723_073208_000000572091_00250_43891_5551.N1 | 23-JUL-2010 07:32:08 | Dark | 56.500 | 9 | Alp Eri | 0.45300 | 24000. | 113 | 43891 | No |
| 91 | GOM_NL__2PRFIN20100723_073558_000000602091_00250_43891_5552.N1 | 23-JUL-2010 07:35:58 | Straylight | 59.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 119 | 43891 | No |
| 92 | GOM_NL__2PRFIN20100723_073926_000000512091_00250_43891_5553.N1 | 23-JUL-2010 07:39:26 | Straylight | 50.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 101 | 43891 | No |
| 93 | GOM_NL__2PRFIN20100723_074108_000000652091_00250_43891_5554.N1 | 23-JUL-2010 07:41:08 | Straylight | 64.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 129 | 43891 | No |
| 94 | GOM_NL__2PRFIN20100723_074233_000000472091_00250_43891_5555.N1 | 23-JUL-2010 07:42:33 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 43891 | No |
| 95 | GOM_NL__2PRFIN20100723_074546_000000472091_00250_43891_5556.N1 | 23-JUL-2010 07:45:46 | Straylight | 47.000 | 172 | Gam Gru | 3.0030 | 13100. | 94 | 43891 | No |
| 96 | GOM_NL__2PRFIN20100723_080304_000000442091_00250_43891_5557.N1 | 23-JUL-2010 08:03:04 | Bright | 43.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 87 | 43891 | No |
| 97 | GOM_NL__2PRFIN20100723_081117_000000412091_00250_43891_5558.N1 | 23-JUL-2010 08:11:17 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 43891 | No |
| 98 | GOM_NL__2PRFIN20100723_081359_000000412091_00250_43891_5559.N1 | 23-JUL-2010 08:13:59 | Bright | 41.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 82 | 43891 | No |
| 99 | GOM_NL__2PRFIN20100723_081546_000000482091_00250_43891_5560.N1 | 23-JUL-2010 08:15:46 | Bright | 47.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 95 | 43891 | No |
| 100 | GOM_NL__2PRFIN20100723_082059_000000402091_00250_43891_5561.N1 | 23-JUL-2010 08:20:59 | Bright | 39.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 79 | 43891 | No |
| 101 | GOM_NL__2PRFIN20100723_083054_000000452091_00250_43891_5562.N1 | 23-JUL-2010 08:30:54 | Bright | 45.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 90 | 43891 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20100723_083525_000000462091_00250_43891_5563.N1 | 23-JUL-2010 08:35:25 | Bright | 45.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 91 | 43891 | No |
| 103 | GOM_NL__2PRFIN20100723_083654_000000472091_00250_43891_5564.N1 | 23-JUL-2010 08:36:54 | Bright | 47.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 94 | 43891 | No |
| 104 | GOM_NL__2PRFIN20100723_083958_000000512091_00250_43891_5565.N1 | 23-JUL-2010 08:39:58 | Bright | 51.000 | 79 | 26Bet Per | 2.3100 | 13100. | 102 | 43891 | No |
| 105 | GOM_NL__2PRFIN20100723_084311_000000492091_00250_43891_5566.N1 | 23-JUL-2010 08:43:11 | Twi_and_stray | 49.000 | 150 | 44Zet Per | 2.8900 | 28000. | 98 | 43891 | No |
| 106 | GOM_NL__2PRFIN20100723_084558_000000502091_00250_43891_5567.N1 | 23-JUL-2010 08:45:58 | Twilight | 50.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 100 | 43891 | No |
| 107 | GOM_NL__2PRFIN20100723_084733_000000462091_00250_43891_5568.N1 | 23-JUL-2010 08:47:33 | Dark | 45.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 91 | 43891 | No |
| 108 | GOM_NL__2PRFIN20100723_085731_000000482091_00250_43891_5569.N1 | 23-JUL-2010 08:57:31 | Dark | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 43891 | No |
| 109 | GOM_NL__2PRFIN20100723_090646_000000442091_00250_43891_5570.N1 | 23-JUL-2010 09:06:46 | Dark | 44.000 | 157 | The1Eri | 2.9060 | 9300.0 | 88 | 43891 | No |
| 110 | GOM_NL__2PRFIN20100723_091245_000000442091_00251_43892_5579.N1 | 23-JUL-2010 09:12:45 | Dark | 44.000 | 9 | Alp Eri | 0.45300 | 24000. | 88 | 43892 | No |
| 111 | GOM_NL__2PRFIN20100723_091634_000000562091_00251_43892_5580.N1 | 23-JUL-2010 09:16:34 | Straylight | 55.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 111 | 43892 | No |
| 112 | GOM_NL__2PRFIN20100723_092002_000000452091_00251_43892_5581.N1 | 23-JUL-2010 09:20:02 | Straylight | 44.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 89 | 43892 | No |
| 113 | GOM_NL__2PRFIN20100723_092145_000000522091_00251_43892_5582.N1 | 23-JUL-2010 09:21:45 | Straylight | 52.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 104 | 43892 | No |
| 114 | GOM_NL__2PRFIN20100723_092309_000000512091_00251_43892_5583.N1 | 23-JUL-2010 09:23:09 | Straylight | 51.000 | 31 | Alp Gru | 1.7340 | 15200. | 102 | 43892 | No |
| 115 | GOM_NL__2PRFIN20100723_092622_000000502091_00251_43892_5584.N1 | 23-JUL-2010 09:26:22 | Straylight | 49.500 | 172 | Gam Gru | 3.0030 | 13100. | 99 | 43892 | No |
| 116 | GOM_NL__2PRFIN20100723_094339_000000442091_00251_43892_5585.N1 | 23-JUL-2010 09:43:39 | Bright | 43.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 87 | 43892 | No |
| 117 | GOM_NL__2PRFIN20100723_095152_000000372091_00251_43892_5586.N1 | 23-JUL-2010 09:51:52 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 43892 | No |
| 118 | GOM_NL__2PRFIN20100723_095434_000000412091_00251_43892_5587.N1 | 23-JUL-2010 09:54:34 | Bright | 41.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 82 | 43892 | No |
| 119 | GOM_NL__2PRFIN20100723_095622_000000482091_00251_43892_5588.N1 | 23-JUL-2010 09:56:22 | Bright | 47.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 95 | 43892 | No |
| 120 | GOM_NL__2PRFIN20100723_100134_000000412091_00251_43892_5589.N1 | 23-JUL-2010 10:01:34 | Bright | 40.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 81 | 43892 | No |
| 121 | GOM_NL__2PRFIN20100723_101130_000000462091_00251_43892_5590.N1 | 23-JUL-2010 10:11:30 | Bright | 46.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 92 | 43892 | No |
| 122 | GOM_NL__2PRFIN20100723_101601_000000612091_00251_43892_5591.N1 | 23-JUL-2010 10:16:01 | Bright | 60.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 121 | 43892 | No |
| 123 | GOM_NL__2PRFIN20100723_101729_000000452091_00251_43892_5592.N1 | 23-JUL-2010 10:17:29 | Bright | 44.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 89 | 43892 | No |
| 124 | GOM_NL__2PRFIN20100723_102034_000000522091_00251_43892_5593.N1 | 23-JUL-2010 10:20:34 | Bright | 52.000 | 79 | 26Bet Per | 2.3100 | 13100. | 104 | 43892 | No |
| 125 | GOM_NL__2PRFIN20100723_102347_000000472091_00251_43892_5594.N1 | 23-JUL-2010 10:23:47 | Twi_and_stray | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 43892 | No |
| 126 | GOM_NL__2PRFIN20100723_102634_000000512091_00251_43892_5595.N1 | 23-JUL-2010 10:26:34 | Twilight | 51.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 102 | 43892 | No |
| 127 | GOM_NL__2PRFIN20100723_102809_000000462091_00251_43892_5596.N1 | 23-JUL-2010 10:28:09 | Dark | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 43892 | No |
| 128 | GOM_NL__2PRFIN20100723_103808_000000512091_00251_43892_5597.N1 | 23-JUL-2010 10:38:08 | Dark | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 43892 | No |
| 129 | GOM_NL__2PRFIN20100723_104723_000000452091_00251_43892_5598.N1 | 23-JUL-2010 10:47:23 | Dark | 44.500 | 157 | The1Eri | 2.9060 | 9300.0 | 89 | 43892 | No |
| 130 | GOM_NL__2PRFIN20100723_105321_000000422091_00252_43893_5602.N1 | 23-JUL-2010 10:53:21 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 43893 | No |
| 131 | GOM_NL__2PRFIN20100723_105711_000000582091_00252_43893_5603.N1 | 23-JUL-2010 10:57:11 | Straylight | 57.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 115 | 43893 | No |
| 132 | GOM_NL__2PRFIN20100723_110039_000000412091_00252_43893_5604.N1 | 23-JUL-2010 11:00:39 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 43893 | No |
| 133 | GOM_NL__2PRFIN20100723_110221_000000572091_00252_43893_5605.N1 | 23-JUL-2010 11:02:21 | Straylight | 57.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 114 | 43893 | No |
| 134 | GOM_NL__2PRFIN20100723_110346_000000462091_00252_43893_5606.N1 | 23-JUL-2010 11:03:46 | Straylight | 46.000 | 31 | Alp Gru | 1.7340 | 15200. | 92 | 43893 | No |
| 135 | GOM_NL__2PRFIN20100723_110659_000000482091_00252_43893_5607.N1 | 23-JUL-2010 11:06:59 | Straylight | 48.000 | 172 | Gam Gru | 3.0030 | 13100. | 96 | 43893 | No |
| 136 | GOM_NL__2PRFIN20100723_112415_000000402091_00252_43893_5608.N1 | 23-JUL-2010 11:24:15 | Bright | 39.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 79 | 43893 | No |
| 137 | GOM_NL__2PRFIN20100723_113228_000000362091_00252_43893_5609.N1 | 23-JUL-2010 11:32:28 | Bright | 35.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 71 | 43893 | No |
| 138 | GOM_NL__2PRFIN20100723_113510_000000432091_00252_43893_5610.N1 | 23-JUL-2010 11:35:10 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 43893 | No |
| 139 | GOM_NL__2PRFIN20100723_113657_000000512091_00252_43893_5611.N1 | 23-JUL-2010 11:36:57 | Bright | 51.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 102 | 43893 | No |
| 140 | GOM_NL__2PRFIN20100723_114210_000000442091_00252_43893_5612.N1 | 23-JUL-2010 11:42:10 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 43893 | No |
| 141 | GOM_NL__2PRFIN20100723_115205_000000482091_00252_43893_5613.N1 | 23-JUL-2010 11:52:05 | Bright | 47.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 95 | 43893 | No |
| 142 | GOM_NL__2PRFIN20100723_115636_000000452091_00252_43893_5614.N1 | 23-JUL-2010 11:56:36 | Bright | 44.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 89 | 43893 | No |
| 143 | GOM_NL__2PRFIN20100723_115805_000000602091_00252_43893_5615.N1 | 23-JUL-2010 11:58:05 | Bright | 59.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 119 | 43893 | No |
| 144 | GOM_NL__2PRFIN20100723_120109_000000522091_00252_43893_5616.N1 | 23-JUL-2010 12:01:09 | Bright | 52.000 | 79 | 26Bet Per | 2.3100 | 13100. | 104 | 43893 | No |
| 145 | GOM_NL__2PRFIN20100723_120423_000000472091_00252_43893_5617.N1 | 23-JUL-2010 12:04:23 | Twi_and_stray | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 43893 | No |
| 146 | GOM_NL__2PRFIN20100723_120710_000000502091_00252_43893_5618.N1 | 23-JUL-2010 12:07:10 | Dark | 49.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 99 | 43893 | No |
| 147 | GOM_NL__2PRFIN20100723_120846_000000492091_00252_43893_5619.N1 | 23-JUL-2010 12:08:46 | Dark | 48.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 97 | 43893 | No |
| 148 | GOM_NL__2PRFIN20100723_121845_000000492091_00252_43893_5620.N1 | 23-JUL-2010 12:18:45 | Dark | 48.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 97 | 43893 | No |
| 149 | GOM_NL__2PRFIN20100723_122800_000000432091_00252_43893_5621.N1 | 23-JUL-2010 12:28:00 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 43893 | No |
| 150 | GOM_NL__2PRFIN20100723_123358_000000442091_00253_43894_5656.N1 | 23-JUL-2010 12:33:58 | Dark | 44.000 | 9 | Alp Eri | 0.45300 | 24000. | 88 | 43894 | No |
| 151 | GOM_NL__2PRFIN20100723_123749_000000552091_00253_43894_5657.N1 | 23-JUL-2010 12:37:49 | Straylight | 54.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 109 | 43894 | No |
| 152 | GOM_NL__2PRFIN20100723_124115_000000422091_00253_43894_5658.N1 | 23-JUL-2010 12:41:15 | Straylight | 42.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 84 | 43894 | No |
| 153 | GOM_NL__2PRFIN20100723_124258_000000522091_00253_43894_5659.N1 | 23-JUL-2010 12:42:58 | Straylight | 51.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 103 | 43894 | No |
| 154 | GOM_NL__2PRFIN20100723_124423_000000462091_00253_43894_5660.N1 | 23-JUL-2010 12:44:23 | Straylight | 45.500 | 31 | Alp Gru | 1.7340 | 15200. | 91 | 43894 | No |
| 155 | GOM_NL__2PRFIN20100723_124735_000000482091_00253_43894_5661.N1 | 23-JUL-2010 12:47:35 | Straylight | 48.000 | 172 | Gam Gru | 3.0030 | 13100. | 96 | 43894 | No |
| 156 | GOM_NL__2PRFIN20100723_130450_000000422091_00253_43894_5662.N1 | 23-JUL-2010 13:04:50 | Bright | 41.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 83 | 43894 | No |
| 157 | GOM_NL__2PRFIN20100723_131304_000000352091_00253_43894_5663.N1 | 23-JUL-2010 13:13:04 | Bright | 34.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 69 | 43894 | No |
| 158 | GOM_NL__2PRFIN20100723_131546_000000412091_00253_43894_5664.N1 | 23-JUL-2010 13:15:46 | Bright | 40.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 81 | 43894 | No |
| 159 | GOM_NL__2PRFIN20100723_131732_000000502091_00253_43894_5665.N1 | 23-JUL-2010 13:17:32 | Bright | 49.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 99 | 43894 | No |
| 160 | GOM_NL__2PRFIN20100723_132245_000000432091_00253_43894_5666.N1 | 23-JUL-2010 13:22:45 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 43894 | No |

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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20100723_133241_000000692091_00253_43894_5667.N1 | 23-JUL-2010 13:32:41 | Bright | 69.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 138 | 43894 | No |
| 162 | GOM_NL__2PRFIN20100723_133712_000000452091_00253_43894_5668.N1 | 23-JUL-2010 13:37:12 | Bright | 44.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 89 | 43894 | No |
| 163 | GOM_NL__2PRFIN20100723_133841_000000472091_00253_43894_5669.N1 | 23-JUL-2010 13:38:41 | Bright | 47.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 94 | 43894 | No |
| 164 | GOM_NL__2PRFIN20100723_134145_000000452091_00253_43894_5670.N1 | 23-JUL-2010 13:41:45 | Bright | 45.000 | 79 | 26Bet Per | 2.3100 | 13100. | 90 | 43894 | No |
| 165 | GOM_NL__2PRFIN20100723_134459_000000482091_00253_43894_5671.N1 | 23-JUL-2010 13:44:59 | Tw_i_and_stray | 47.500 | 150 | 44Zet Per | 2.8900 | 28000. | 95 | 43894 | No |
| 166 | GOM_NL__2PRFIN20100723_134746_000000512091_00253_43894_5672.N1 | 23-JUL-2010 13:47:46 | Dark | 50.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 101 | 43894 | No |
| 167 | GOM_NL__2PRFIN20100723_134922_000000572091_00253_43894_5673.N1 | 23-JUL-2010 13:49:22 | Dark | 57.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 114 | 43894 | No |
| 168 | GOM_NL__2PRFIN20100723_135921_000000472091_00253_43894_5674.N1 | 23-JUL-2010 13:59:21 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 43894 | No |
| 169 | GOM_NL__2PRFIN20100723_140836_000000442091_00253_43894_5675.N1 | 23-JUL-2010 14:08:36 | Dark | 43.500 | 157 | The1Eri | 2.9060 | 9300.0 | 87 | 43894 | No |
| 170 | GOM_NL__2PRFIN20100723_141434_000000432091_00254_43895_5690.N1 | 23-JUL-2010 14:14:34 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 43895 | No |
| 171 | GOM_NL__2PRFIN20100723_141826_000000542091_00254_43895_5691.N1 | 23-JUL-2010 14:18:26 | Straylight | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 43895 | No |
| 172 | GOM_NL__2PRFIN20100723_142151_000000422091_00254_43895_5692.N1 | 23-JUL-2010 14:21:51 | Straylight | 42.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 84 | 43895 | No |
| 173 | GOM_NL__2PRFIN20100723_142335_000000522091_00254_43895_5693.N1 | 23-JUL-2010 14:23:35 | Straylight | 51.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 103 | 43895 | No |
| 174 | GOM_NL__2PRFIN20100723_142459_000000482091_00254_43895_5694.N1 | 23-JUL-2010 14:24:59 | Straylight | 47.500 | 31 | Alp Gru | 1.7340 | 15200. | 95 | 43895 | No |
| 175 | GOM_NL__2PRFIN20100723_142811_000000482091_00254_43895_5695.N1 | 23-JUL-2010 14:28:11 | Straylight | 48.000 | 172 | Gam Gru | 3.0030 | 13100. | 96 | 43895 | No |
| 176 | GOM_NL__2PRFIN20100723_144527_000000432091_00254_43895_5696.N1 | 23-JUL-2010 14:45:27 | Bright | 43.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 86 | 43895 | No |
| 177 | GOM_NL__2PRFIN20100723_145340_000000382091_00254_43895_5697.N1 | 23-JUL-2010 14:53:40 | Bright | 38.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 76 | 43895 | No |
| 178 | GOM_NL__2PRFIN20100723_145621_000000412091_00254_43895_5698.N1 | 23-JUL-2010 14:56:21 | Bright | 41.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 82 | 43895 | No |
| 179 | GOM_NL__2PRFIN20100723_145808_000000472091_00254_43895_5699.N1 | 23-JUL-2010 14:58:08 | Bright | 47.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 94 | 43895 | No |
| 180 | GOM_NL__2PRFIN20100723_150320_000000412091_00254_43895_5700.N1 | 23-JUL-2010 15:03:20 | Bright | 40.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 81 | 43895 | No |
| 181 | GOM_NL__2PRFIN20100723_151316_000000652091_00254_43895_5701.N1 | 23-JUL-2010 15:13:16 | Bright | 65.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 130 | 43895 | No |
| 182 | GOM_NL__2PRFIN20100723_151748_000000442091_00254_43895_5702.N1 | 23-JUL-2010 15:17:48 | Bright | 43.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 87 | 43895 | No |
| 183 | GOM_NL__2PRFIN20100723_151917_000000452091_00254_43895_5703.N1 | 23-JUL-2010 15:19:17 | Bright | 44.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 89 | 43895 | No |
| 184 | GOM_NL__2PRFIN20100723_152221_000000452091_00254_43895_5704.N1 | 23-JUL-2010 15:22:21 | Bright | 45.000 | 79 | 26Bet Per | 2.3100 | 13100. | 90 | 43895 | No |
| 185 | GOM_NL__2PRFIN20100723_152535_000000492091_00254_43895_5705.N1 | 23-JUL-2010 15:25:35 | Tw_i_and_stray | 48.500 | 150 | 44Zet Per | 2.8900 | 28000. | 97 | 43895 | No |
| 186 | GOM_NL__2PRFIN20100723_152823_000000502091_00254_43895_5706.N1 | 23-JUL-2010 15:28:23 | Dark | 49.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 99 | 43895 | No |
| 187 | GOM_NL__2PRFIN20100723_152958_000000572091_00254_43895_5707.N1 | 23-JUL-2010 15:29:58 | Dark | 57.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 114 | 43895 | No |
| 188 | GOM_NL__2PRFIN20100723_153958_000000492091_00254_43895_5708.N1 | 23-JUL-2010 15:39:58 | Dark | 48.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 97 | 43895 | No |
| 189 | GOM_NL__2PRFIN20100723_154913_000000452091_00254_43895_5709.N1 | 23-JUL-2010 15:49:13 | Dark | 45.000 | 157 | The1Eri | 2.9060 | 9300.0 | 90 | 43895 | No |
| 190 | GOM_NL__2PRFIN20100723_155511_000000442091_00255_43896_5718.N1 | 23-JUL-2010 15:55:11 | Dark | 44.000 | 9 | Alp Eri | 0.45300 | 24000. | 88 | 43896 | No |
| 191 | GOM_NL__2PRFIN20100723_155903_000000532091_00255_43896_5719.N1 | 23-JUL-2010 15:59:03 | Straylight | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 43896 | No |
| 192 | GOM_NL__2PRFIN20100723_160228_000000422091_00255_43896_5720.N1 | 23-JUL-2010 16:02:28 | Straylight | 42.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 84 | 43896 | No |
| 193 | GOM_NL__2PRFIN20100723_160411_000000492091_00255_43896_5721.N1 | 23-JUL-2010 16:04:11 | Straylight | 49.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 98 | 43896 | No |
| 194 | GOM_NL__2PRFIN20100723_160535_000000462091_00255_43896_5722.N1 | 23-JUL-2010 16:05:35 | Straylight | 45.500 | 31 | Alp Gru | 1.7340 | 15200. | 91 | 43896 | No |
| 195 | GOM_NL__2PRFIN20100723_160848_000000502091_00255_43896_5723.N1 | 23-JUL-2010 16:08:48 | Straylight | 49.500 | 172 | Gam Gru | 3.0030 | 13100. | 99 | 43896 | No |
| 196 | GOM_NL__2PRFIN20100723_162602_000000422091_00255_43896_5724.N1 | 23-JUL-2010 16:26:02 | Bright | 42.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 84 | 43896 | No |
| 197 | GOM_NL__2PRFIN20100723_163416_000000422091_00255_43896_5725.N1 | 23-JUL-2010 16:34:16 | Bright | 41.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 83 | 43896 | No |
| 198 | GOM_NL__2PRFIN20100723_163657_000000402091_00255_43896_5726.N1 | 23-JUL-2010 16:36:57 | Bright | 39.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 79 | 43896 | No |
| 199 | GOM_NL__2PRFIN20100723_163843_000000492091_00255_43896_5727.N1 | 23-JUL-2010 16:38:43 | Bright | 49.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 98 | 43896 | No |
| 200 | GOM_NL__2PRFIN20100723_164356_000000412091_00255_43896_5728.N1 | 23-JUL-2010 16:43:56 | Bright | 41.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 82 | 43896 | No |
| 201 | GOM_NL__2PRFIN20100723_165352_000000482091_00255_43896_5729.N1 | 23-JUL-2010 16:53:52 | Bright | 47.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 95 | 43896 | No |
| 202 | GOM_NL__2PRFIN20100723_165824_000000422091_00255_43896_5730.N1 | 23-JUL-2010 16:58:24 | Bright | 41.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 83 | 43896 | No |
| 203 | GOM_NL__2PRFIN20100723_165952_000000632091_00255_43896_5731.N1 | 23-JUL-2010 16:59:52 | Bright | 63.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 126 | 43896 | No |
| 204 | GOM_NL__2PRFIN20100723_170257_000000382091_00255_43896_5732.N1 | 23-JUL-2010 17:02:57 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 43896 | No |
| 205 | GOM_NL__2PRFIN20100723_170611_000000512091_00255_43896_5733.N1 | 23-JUL-2010 17:06:11 | Tw_i_and_stray | 50.500 | 150 | 44Zet Per | 2.8900 | 28000. | 101 | 43896 | No |
| 206 | GOM_NL__2PRFIN20100723_170859_000000512091_00255_43896_5734.N1 | 23-JUL-2010 17:08:59 | Dark | 50.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 101 | 43896 | No |
| 207 | GOM_NL__2PRFIN20100723_171034_000000522091_00255_43896_5735.N1 | 23-JUL-2010 17:10:34 | Dark | 51.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 103 | 43896 | No |
| 208 | GOM_NL__2PRFIN20100723_172035_000000512091_00255_43896_5736.N1 | 23-JUL-2010 17:20:35 | Dark | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 43896 | No |
| 209 | GOM_NL__2PRFIN20100723_172950_000000432091_00255_43896_5737.N1 | 23-JUL-2010 17:29:50 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 43896 | No |
| 210 | GOM_NL__2PRFIN20100723_173547_000000512091_00256_43897_5762.N1 | 23-JUL-2010 17:35:47 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 43897 | No |
| 211 | GOM_NL__2PRFIN20100723_173940_000000562091_00256_43897_5763.N1 | 23-JUL-2010 17:39:40 | Straylight | 55.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 111 | 43897 | No |
| 212 | GOM_NL__2PRFIN20100723_174304_000000432091_00256_43897_5764.N1 | 23-JUL-2010 17:43:04 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 43897 | No |
| 213 | GOM_NL__2PRFIN20100723_174448_000000502091_00256_43897_5765.N1 | 23-JUL-2010 17:44:48 | Straylight | 49.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 99 | 43897 | No |
| 214 | GOM_NL__2PRFIN20100723_174612_000000492091_00256_43897_5766.N1 | 23-JUL-2010 17:46:12 | Straylight | 48.500 | 31 | Alp Gru | 1.7340 | 15200. | 97 | 43897 | No |
| 215 | GOM_NL__2PRFIN20100723_174925_000000492091_00256_43897_5767.N1 | 23-JUL-2010 17:49:25 | Straylight | 48.500 | 172 | Gam Gru | 3.0030 | 13100. | 97 | 43897 | No |
| 216 | GOM_NL__2PRFIN20100723_180638_000000422091_00256_43897_5768.N1 | 23-JUL-2010 18:06:38 | Bright | 41.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 83 | 43897 | No |
| 217 | GOM_NL__2PRFIN20100723_181452_000000402091_00256_43897_5769.N1 | 23-JUL-2010 18:14:52 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 43897 | No |
| 218 | GOM_NL__2PRFIN20100723_181732_000000402091_00256_43897_5770.N1 | 23-JUL-2010 18:17:32 | Bright | 39.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 79 | 43897 | No |
| 219 | GOM_NL__2PRFIN20100723_181918_000000492091_00256_43897_5771.N1 | 23-JUL-2010 18:19:18 | Bright | 48.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 97 | 43897 | No |

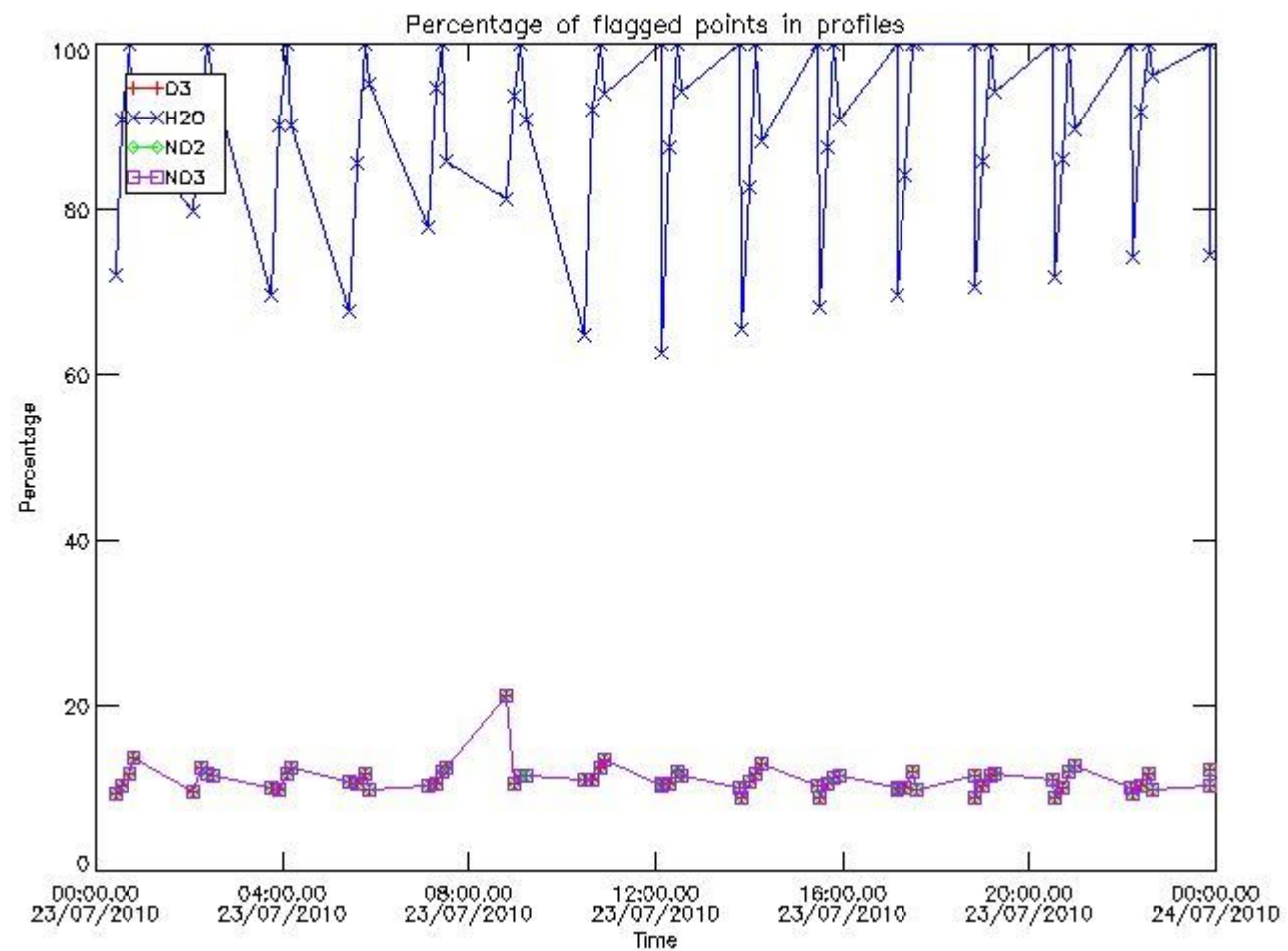
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|-----|--|----------------------|---------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20100723_182431_000000412091_00256_43897_5772.N1 | 23-JUL-2010 18:24:31 | Bright | 41.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 82 | 43897 | No |
| 221 | GOM_NL__2PRFIN20100723_183427_000000672091_00256_43897_5773.N1 | 23-JUL-2010 18:34:27 | Bright | 66.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 133 | 43897 | No |
| 222 | GOM_NL__2PRFIN20100723_183859_000000592091_00256_43897_5774.N1 | 23-JUL-2010 18:38:59 | Bright | 59.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 118 | 43897 | No |
| 223 | GOM_NL__2PRFIN20100723_184028_000000472091_00256_43897_5775.N1 | 23-JUL-2010 18:40:28 | Bright | 46.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 93 | 43897 | No |
| 224 | GOM_NL__2PRFIN20100723_184333_000000382091_00256_43897_5776.N1 | 23-JUL-2010 18:43:33 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 43897 | No |
| 225 | GOM_NL__2PRFIN20100723_184647_000000492091_00256_43897_5777.N1 | 23-JUL-2010 18:46:47 | Twi_and_stray | 49.000 | 150 | 44Zet Per | 2.8900 | 28000. | 98 | 43897 | No |
| 226 | GOM_NL__2PRFIN20100723_184935_000000492091_00256_43897_5778.N1 | 23-JUL-2010 18:49:35 | Dark | 48.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 97 | 43897 | No |
| 227 | GOM_NL__2PRFIN20100723_185110_000000572091_00256_43897_5779.N1 | 23-JUL-2010 18:51:10 | Dark | 56.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 113 | 43897 | No |
| 228 | GOM_NL__2PRFIN20100723_190111_000000502091_00256_43897_5780.N1 | 23-JUL-2010 19:01:11 | Dark | 49.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 99 | 43897 | No |
| 229 | GOM_NL__2PRFIN20100723_191027_000000442091_00256_43897_5781.N1 | 23-JUL-2010 19:10:27 | Dark | 44.000 | 157 | The1Eri | 2.9060 | 9300.0 | 88 | 43897 | No |
| 230 | GOM_NL__2PRFIN20100723_191624_000000442091_00257_43898_5781.N1 | 23-JUL-2010 19:16:24 | Dark | 43.500 | 9 | Alp Eri | 0.45300 | 24000. | 87 | 43898 | No |
| 231 | GOM_NL__2PRFIN20100723_192017_000000582091_00257_43898_5782.N1 | 23-JUL-2010 19:20:17 | Straylight | 57.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 115 | 43898 | No |
| 232 | GOM_NL__2PRFIN20100723_192341_000000422091_00257_43898_5783.N1 | 23-JUL-2010 19:23:41 | Straylight | 42.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 84 | 43898 | No |
| 233 | GOM_NL__2PRFIN20100723_192648_000000452091_00257_43898_5784.N1 | 23-JUL-2010 19:26:48 | Straylight | 44.500 | 31 | Alp Gru | 1.7340 | 15200. | 89 | 43898 | No |
| 234 | GOM_NL__2PRFIN20100723_193002_000000482091_00257_43898_5785.N1 | 23-JUL-2010 19:30:02 | Straylight | 47.500 | 172 | Gam Gru | 3.0030 | 13100. | 95 | 43898 | No |
| 235 | GOM_NL__2PRFIN20100723_194714_000000412091_00257_43898_5786.N1 | 23-JUL-2010 19:47:14 | Bright | 41.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 82 | 43898 | No |
| 236 | GOM_NL__2PRFIN20100723_195528_000000432091_00257_43898_5787.N1 | 23-JUL-2010 19:55:28 | Bright | 42.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 85 | 43898 | No |
| 237 | GOM_NL__2PRFIN20100723_195808_000000422091_00257_43898_5788.N1 | 23-JUL-2010 19:58:08 | Bright | 41.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 83 | 43898 | No |
| 238 | GOM_NL__2PRFIN20100723_195953_000000492091_00257_43898_5789.N1 | 23-JUL-2010 19:59:53 | Bright | 48.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 97 | 43898 | No |
| 239 | GOM_NL__2PRFIN20100723_200507_000000432091_00257_43898_5790.N1 | 23-JUL-2010 20:05:07 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 43898 | No |
| 240 | GOM_NL__2PRFIN20100723_201502_000000472091_00257_43898_5791.N1 | 23-JUL-2010 20:15:02 | Bright | 47.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 94 | 43898 | No |
| 241 | GOM_NL__2PRFIN20100723_201935_000000572091_00257_43898_5792.N1 | 23-JUL-2010 20:19:35 | Bright | 56.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 113 | 43898 | No |
| 242 | GOM_NL__2PRFIN20100723_202104_000000462091_00257_43898_5793.N1 | 23-JUL-2010 20:21:04 | Bright | 46.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 92 | 43898 | No |
| 243 | GOM_NL__2PRFIN20100723_202235_000000392091_00257_43898_5794.N1 | 23-JUL-2010 20:22:35 | Bright | 39.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 78 | 43898 | No |
| 244 | GOM_NL__2PRFIN20100723_202409_000000312091_00257_43898_5795.N1 | 23-JUL-2010 20:24:09 | Twi_and_stray | 31.000 | 79 | 26Bet Per | 2.3100 | 13100. | 62 | 43898 | No |
| 245 | GOM_NL__2PRFIN20100723_202723_000000492091_00257_43898_5796.N1 | 23-JUL-2010 20:27:23 | Twi_and_stray | 48.500 | 150 | 44Zet Per | 2.8900 | 28000. | 97 | 43898 | No |
| 246 | GOM_NL__2PRFIN20100723_203011_000000462091_00257_43898_5797.N1 | 23-JUL-2010 20:30:11 | Dark | 46.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 92 | 43898 | No |
| 247 | GOM_NL__2PRFIN20100723_203146_000000572091_00257_43898_5798.N1 | 23-JUL-2010 20:31:46 | Dark | 57.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 114 | 43898 | No |
| 248 | GOM_NL__2PRFIN20100723_204148_000000512091_00257_43898_5799.N1 | 23-JUL-2010 20:41:48 | Dark | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 43898 | No |
| 249 | GOM_NL__2PRFIN20100723_205103_000000432091_00257_43898_5800.N1 | 23-JUL-2010 20:51:03 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 43898 | No |
| 250 | GOM_NL__2PRFIN20100723_205701_000000442091_00258_43899_5818.N1 | 23-JUL-2010 20:57:01 | Dark | 44.000 | 9 | Alp Eri | 0.45300 | 24000. | 88 | 43899 | No |
| 251 | GOM_NL__2PRFIN20100723_210054_000000572091_00258_43899_5819.N1 | 23-JUL-2010 21:00:54 | Straylight | 57.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 114 | 43899 | No |
| 252 | GOM_NL__2PRFIN20100723_210417_000000442091_00258_43899_5820.N1 | 23-JUL-2010 21:04:17 | Straylight | 43.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 87 | 43899 | No |
| 253 | GOM_NL__2PRFIN20100723_210725_000000452091_00258_43899_5821.N1 | 23-JUL-2010 21:07:25 | Straylight | 44.500 | 31 | Alp Gru | 1.7340 | 15200. | 89 | 43899 | No |
| 254 | GOM_NL__2PRFIN20100723_211038_000000492091_00258_43899_5822.N1 | 23-JUL-2010 21:10:38 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 43899 | No |
| 255 | GOM_NL__2PRFIN20100723_212749_000000412091_00258_43899_5823.N1 | 23-JUL-2010 21:27:49 | Bright | 40.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 81 | 43899 | No |
| 256 | GOM_NL__2PRFIN20100723_213603_000000392091_00258_43899_5824.N1 | 23-JUL-2010 21:36:03 | Bright | 38.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 77 | 43899 | No |
| 257 | GOM_NL__2PRFIN20100723_213843_000000402091_00258_43899_5825.N1 | 23-JUL-2010 21:38:43 | Bright | 40.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 80 | 43899 | No |
| 258 | GOM_NL__2PRFIN20100723_214029_000000482091_00258_43899_5826.N1 | 23-JUL-2010 21:40:29 | Bright | 48.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 96 | 43899 | No |
| 259 | GOM_NL__2PRFIN20100723_214542_000000442091_00258_43899_5827.N1 | 23-JUL-2010 21:45:42 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 43899 | No |
| 260 | GOM_NL__2PRFIN20100723_215538_000000462091_00258_43899_5828.N1 | 23-JUL-2010 21:55:38 | Bright | 46.000 | 110 | 37Del Cas | 2.6780 | 8900.0 | 92 | 43899 | No |
| 261 | GOM_NL__2PRFIN20100723_220011_000000642091_00258_43899_5829.N1 | 23-JUL-2010 22:00:11 | Bright | 64.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 128 | 43899 | No |
| 262 | GOM_NL__2PRFIN20100723_220140_000000632091_00258_43899_5830.N1 | 23-JUL-2010 22:01:40 | Bright | 63.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 126 | 43899 | No |
| 263 | GOM_NL__2PRFIN20100723_220311_000000422091_00258_43899_5831.N1 | 23-JUL-2010 22:03:11 | Bright | 41.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 83 | 43899 | No |
| 264 | GOM_NL__2PRFIN20100723_220444_000000312091_00258_43899_5832.N1 | 23-JUL-2010 22:04:44 | Twi_and_stray | 31.000 | 79 | 26Bet Per | 2.3100 | 13100. | 62 | 43899 | No |
| 265 | GOM_NL__2PRFIN20100723_220759_000000462091_00258_43899_5833.N1 | 23-JUL-2010 22:07:59 | Twi_and_stray | 45.500 | 150 | 44Zet Per | 2.8900 | 28000. | 91 | 43899 | No |
| 266 | GOM_NL__2PRFIN20100723_221048_000000512091_00258_43899_5834.N1 | 23-JUL-2010 22:10:48 | Dark | 50.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 101 | 43899 | No |
| 267 | GOM_NL__2PRFIN20100723_221223_000000542091_00258_43899_5835.N1 | 23-JUL-2010 22:12:23 | Dark | 54.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 108 | 43899 | No |
| 268 | GOM_NL__2PRFIN20100723_222224_000000502091_00258_43899_5836.N1 | 23-JUL-2010 22:22:24 | Dark | 49.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 99 | 43899 | No |
| 269 | GOM_NL__2PRFIN20100723_223140_000000432091_00258_43899_5837.N1 | 23-JUL-2010 22:31:40 | Dark | 43.000 | 157 | The1Eri | 2.9060 | 9300.0 | 86 | 43899 | No |
| 270 | GOM_NL__2PRFIN20100723_223737_000000512091_00259_43900_5830.N1 | 23-JUL-2010 22:37:37 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 43900 | No |
| 271 | GOM_NL__2PRFIN20100723_224131_000000572091_00259_43900_5831.N1 | 23-JUL-2010 22:41:31 | Straylight | 56.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 113 | 43900 | No |
| 272 | GOM_NL__2PRFIN20100723_224454_000000422091_00259_43900_5832.N1 | 23-JUL-2010 22:44:54 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 43900 | No |
| 273 | GOM_NL__2PRFIN20100723_224802_000000472091_00259_43900_5833.N1 | 23-JUL-2010 22:48:02 | Straylight | 46.500 | 31 | Alp Gru | 1.7340 | 15200. | 93 | 43900 | No |
| 274 | GOM_NL__2PRFIN20100723_225115_000000482091_00259_43900_5834.N1 | 23-JUL-2010 22:51:15 | Straylight | 47.500 | 172 | Gam Gru | 3.0030 | 13100. | 95 | 43900 | No |
| 275 | GOM_NL__2PRFIN20100723_230825_000000422091_00259_43900_5835.N1 | 23-JUL-2010 23:08:25 | Bright | 41.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 83 | 43900 | No |
| 276 | GOM_NL__2PRFIN20100723_231639_000000352091_00259_43900_5836.N1 | 23-JUL-2010 23:16:39 | Bright | 35.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 70 | 43900 | No |
| 277 | GOM_NL__2PRFIN20100723_231919_000000402091_00259_43900_5837.N1 | 23-JUL-2010 23:19:19 | Bright | 39.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 79 | 43900 | No |
| 278 | GOM_NL__2PRFIN20100723_232104_000000492091_00259_43900_5838.N1 | 23-JUL-2010 23:21:04 | Bright | 49.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 98 | 43900 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|----|-------|----|
| 279 | GOM_NL__2PRFIN20100723_232617_000000442091_00259_43900_5839.N1 | 23-JUL-2010 23:26:17 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 43900 | No |
| 280 | GOM_NL__2PRFIN20100723_233613_000000482091_00259_43900_5840.N1 | 23-JUL-2010 23:36:13 | Bright | 47.500 | 110 | 37Del Cas | 2.6780 | 8900.0 | 95 | 43900 | No |
| 281 | GOM_NL__2PRFIN20100723_234046_000000432091_00259_43900_5841.N1 | 23-JUL-2010 23:40:46 | Bright | 43.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 86 | 43900 | No |
| 282 | GOM_NL__2PRFIN20100723_234215_000000462091_00259_43900_5842.N1 | 23-JUL-2010 23:42:15 | Bright | 45.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 91 | 43900 | No |
| 283 | GOM_NL__2PRFIN20100723_234547_000000422091_00259_43900_5843.N1 | 23-JUL-2010 23:45:47 | Bright | 42.000 | 149 | 45Eps Per | 2.8880 | 30000. | 84 | 43900 | No |
| 284 | GOM_NL__2PRFIN20100723_234835_000000482091_00259_43900_5844.N1 | 23-JUL-2010 23:48:35 | Twilight_stray | 48.000 | 150 | 44Zet Per | 2.8900 | 28000. | 96 | 43900 | No |
| 285 | GOM_NL__2PRFIN20100723_235124_000000492091_00259_43900_5845.N1 | 23-JUL-2010 23:51:24 | Dark | 49.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 98 | 43900 | No |
| 286 | GOM_NL__2PRFIN20100723_235259_000000422091_00259_43900_5846.N1 | 23-JUL-2010 23:52:59 | Dark | 41.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 83 | 43900 | No |

3. Quality information per product

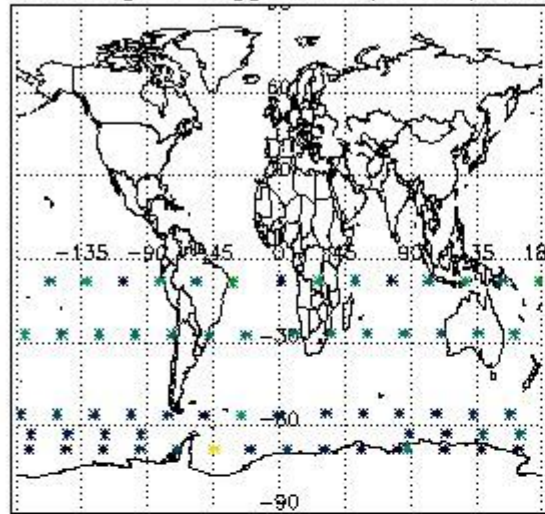
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

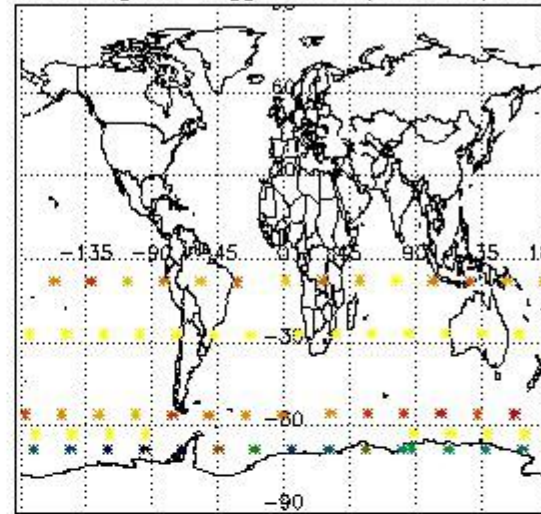


3.2 Plot quality information per product (world map)

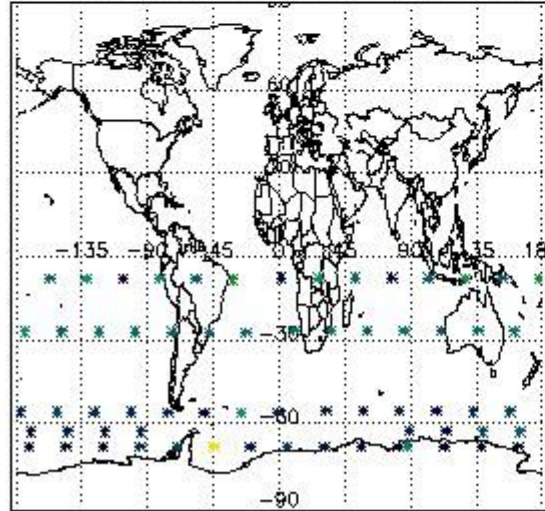
Percentage of flagged data per O3 profile



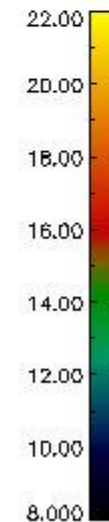
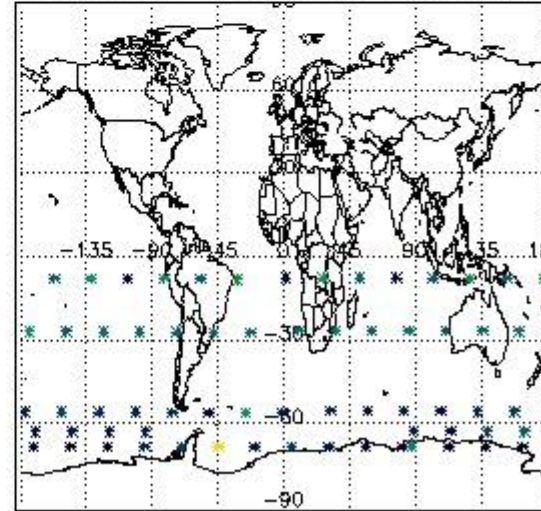
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

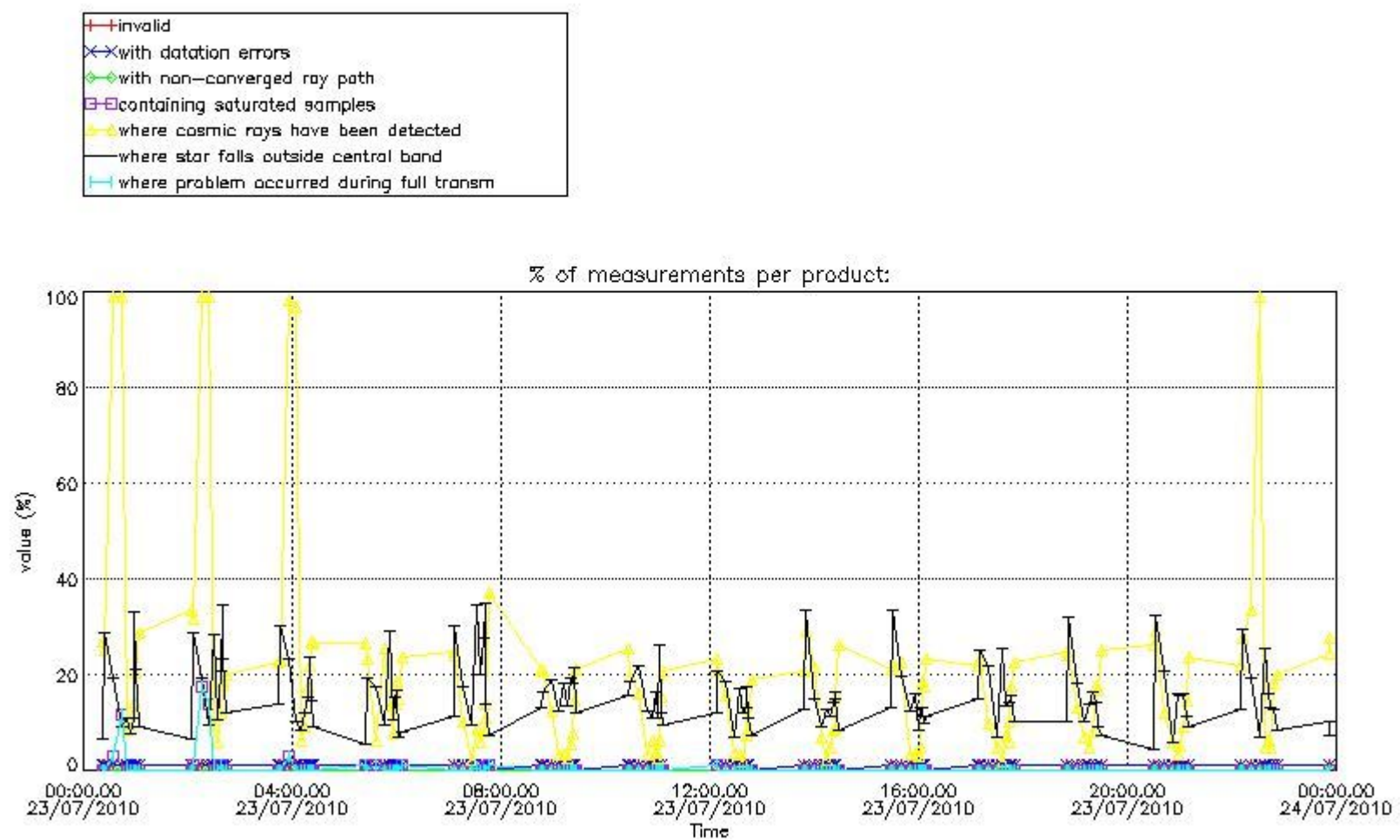


4. Level 1 quality information per product

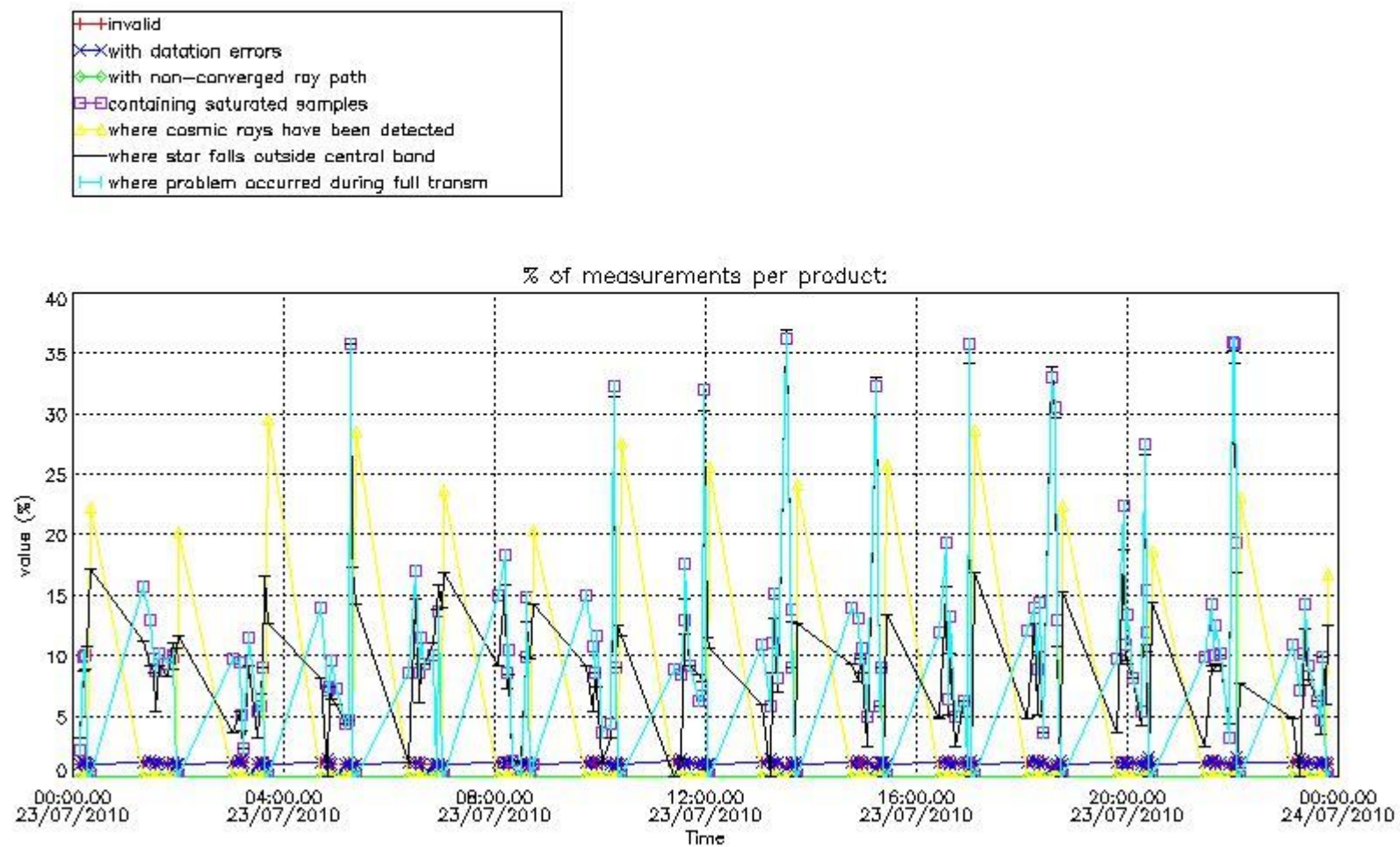
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



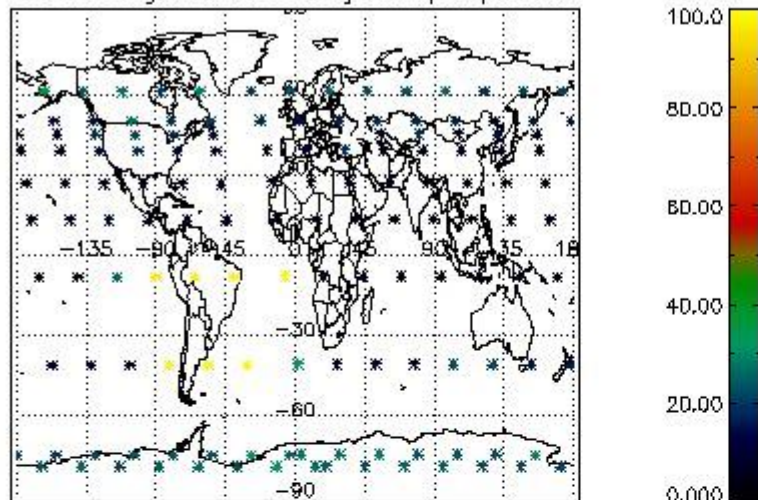
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



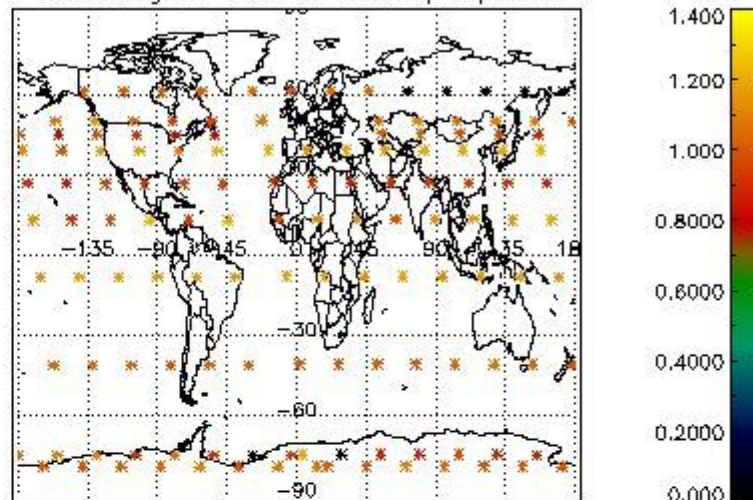
4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

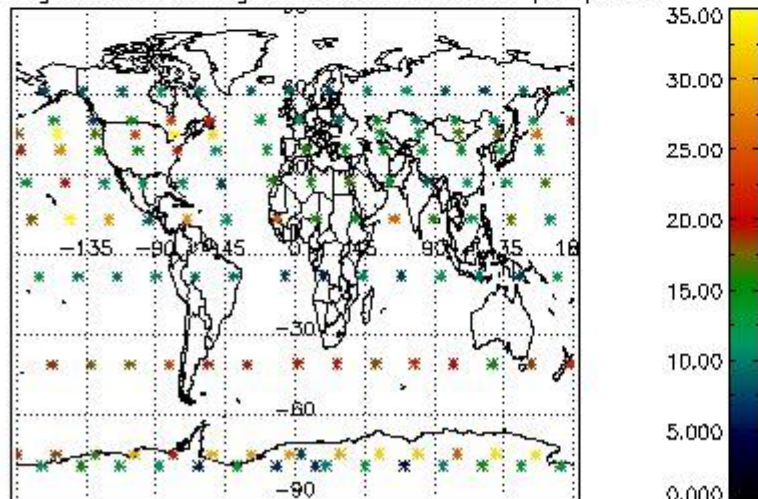
Percentage of cosmic ray hits per profile



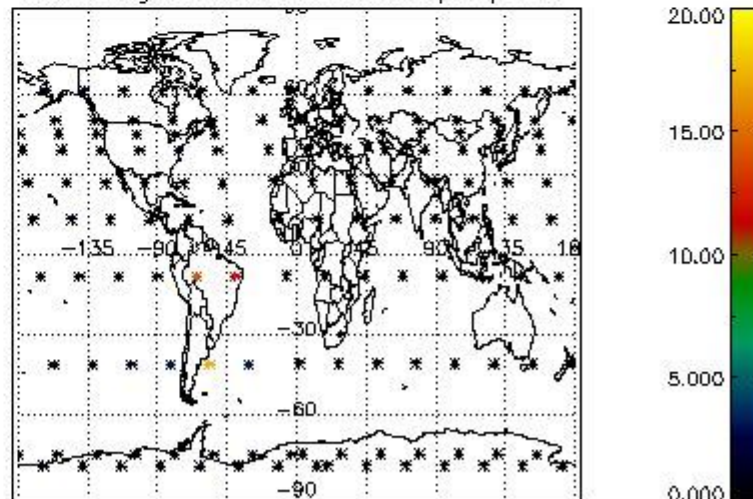
Percentage of datation errors per profile



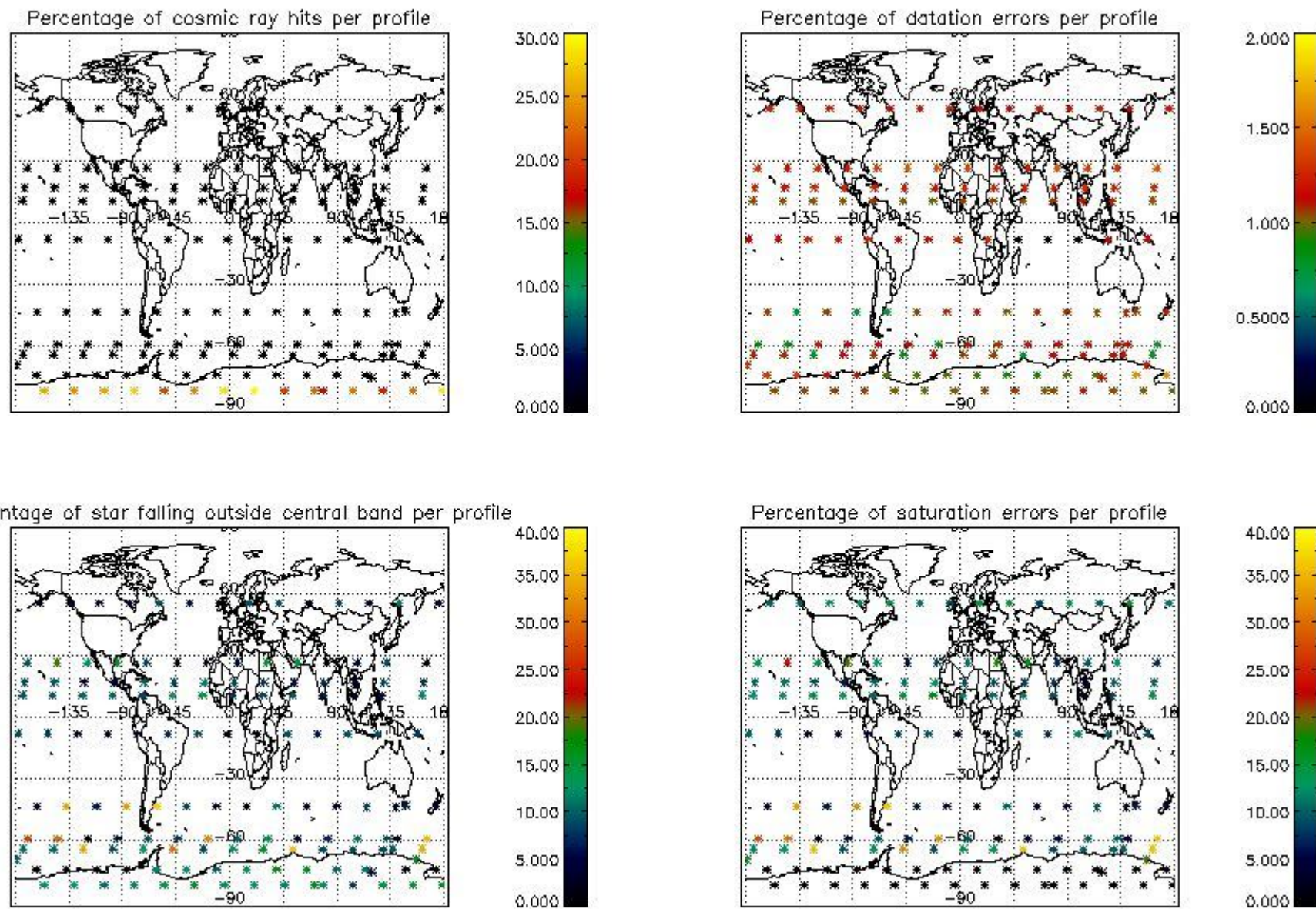
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

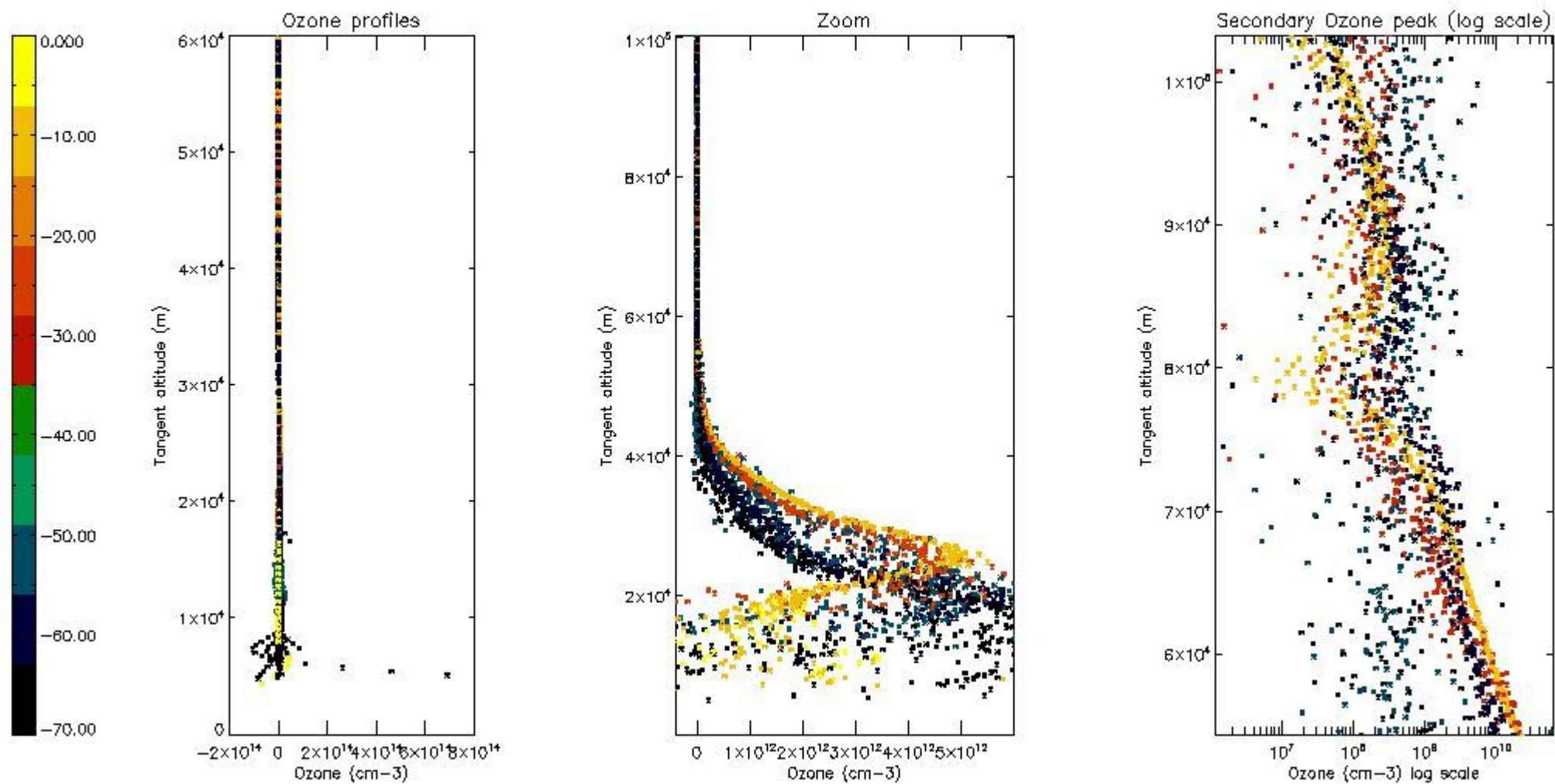
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 23 |
| STD < 20 | 9 |

| | |
|----------|---|
| STD < 10 | 6 |
| STD < 5 | 3 |

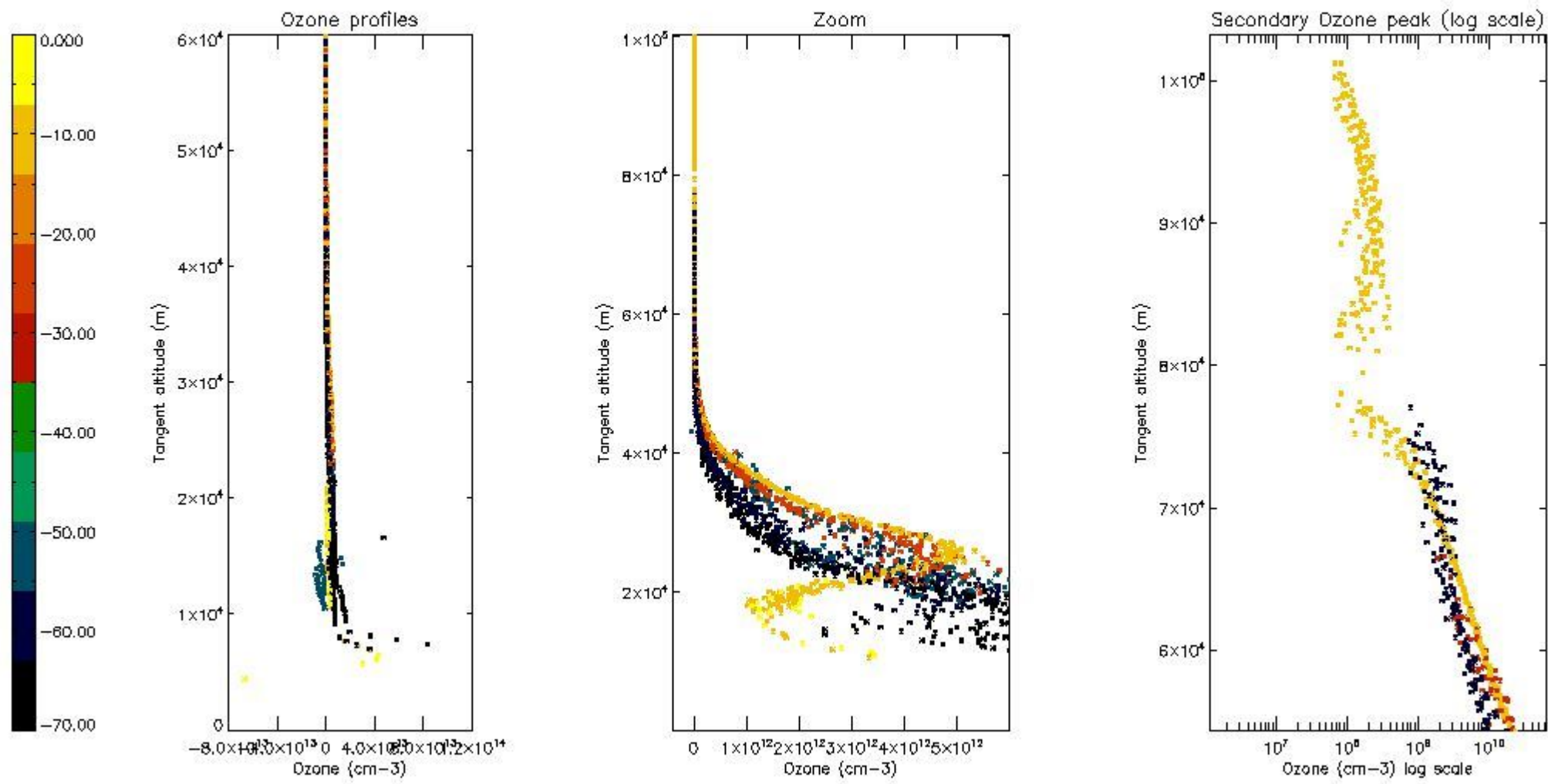
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



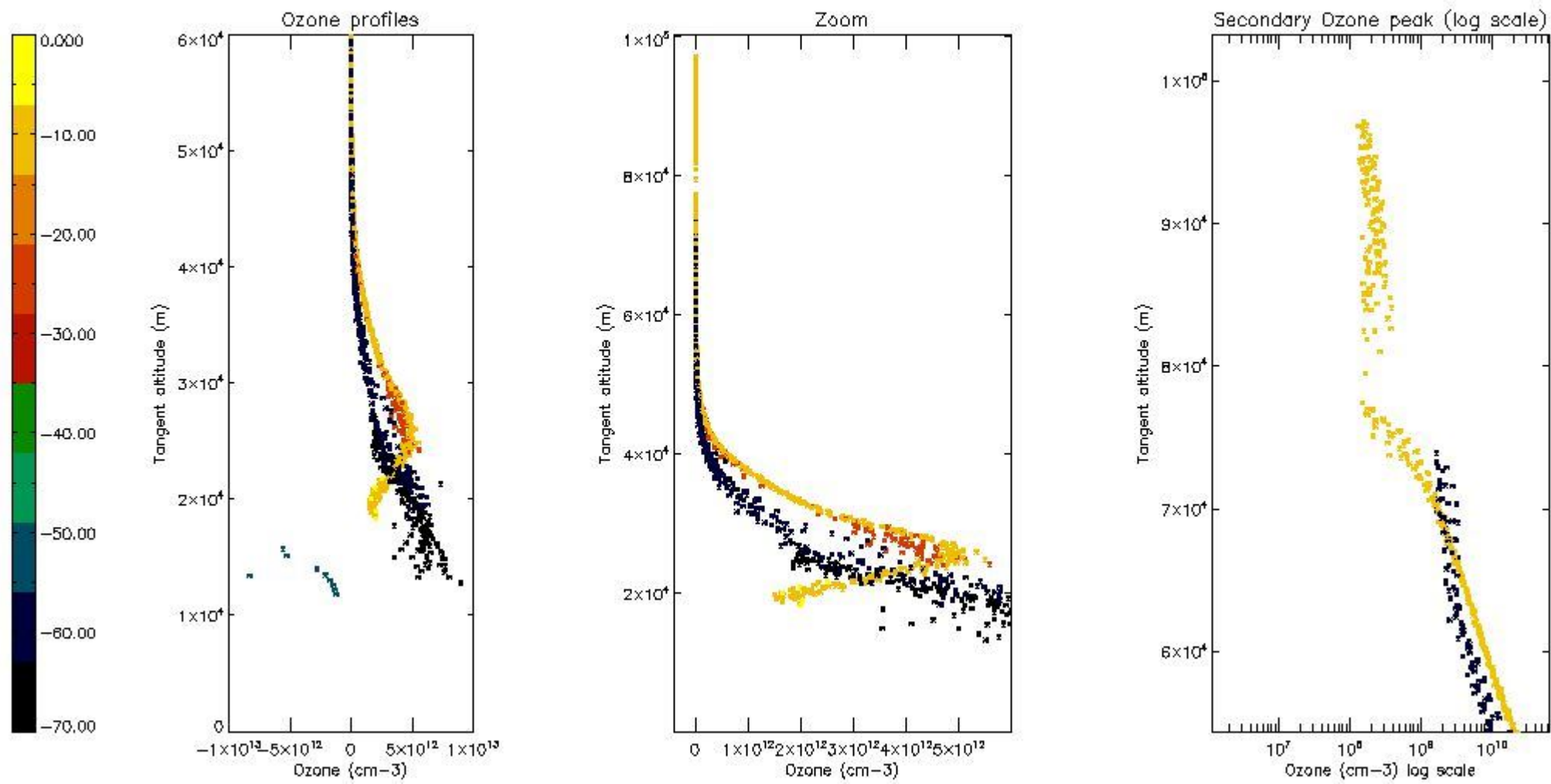
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



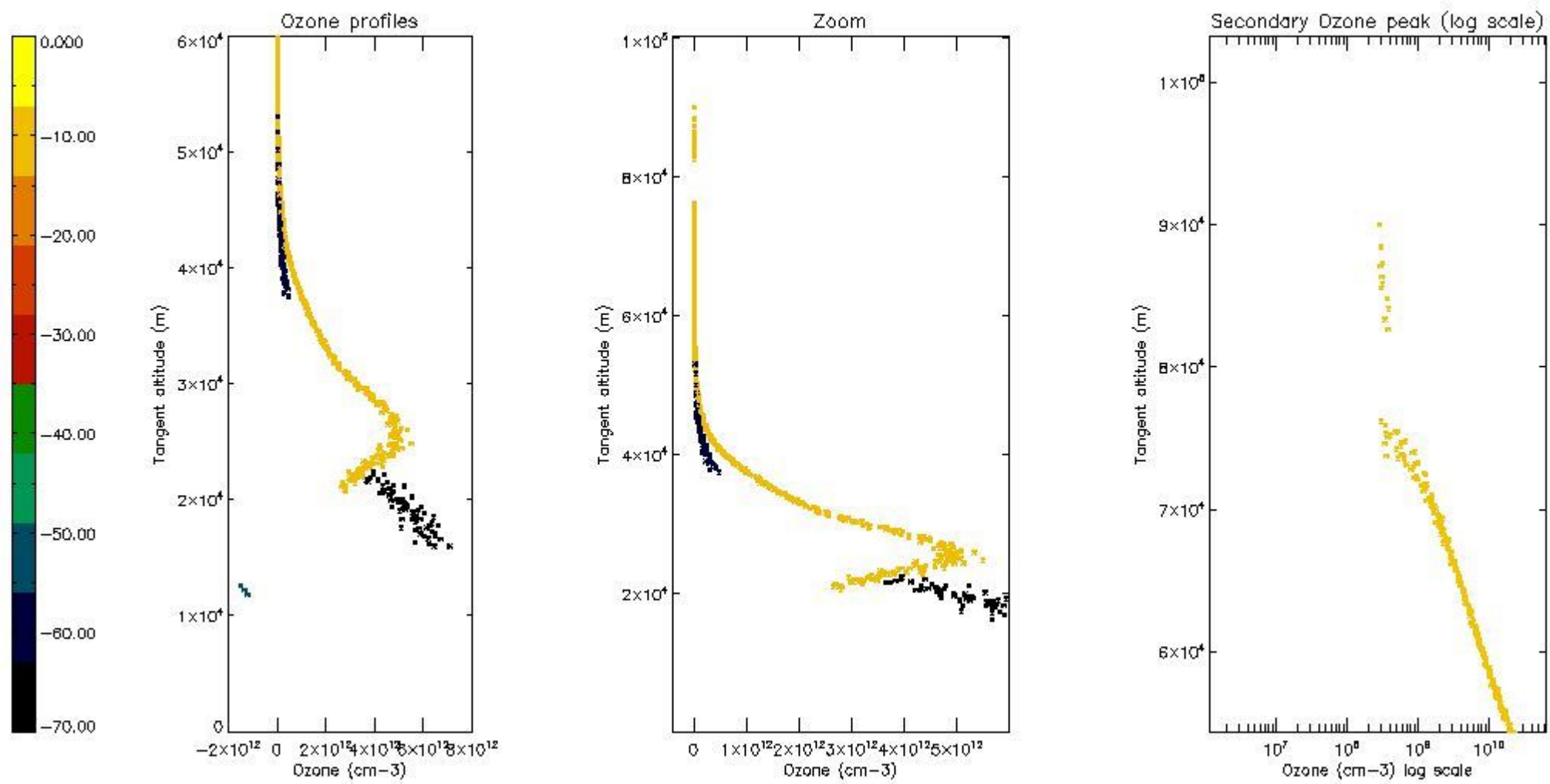
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



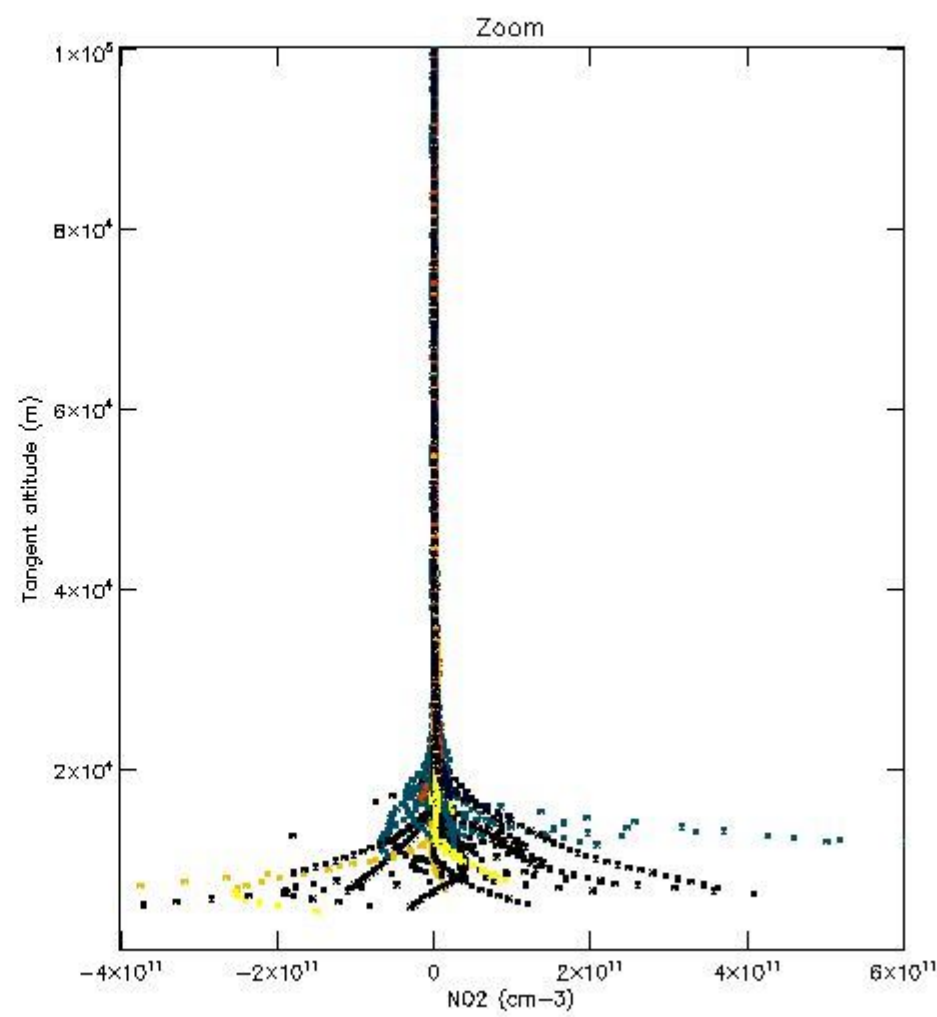
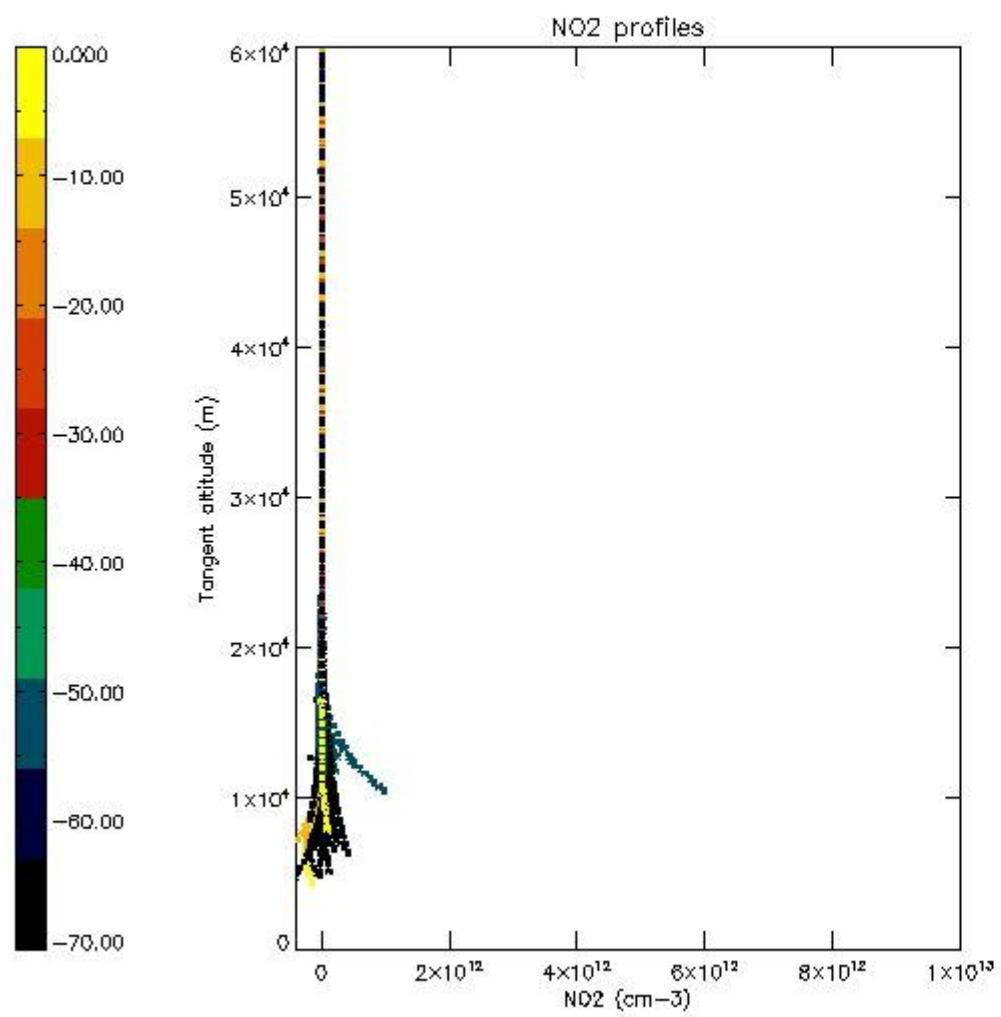
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



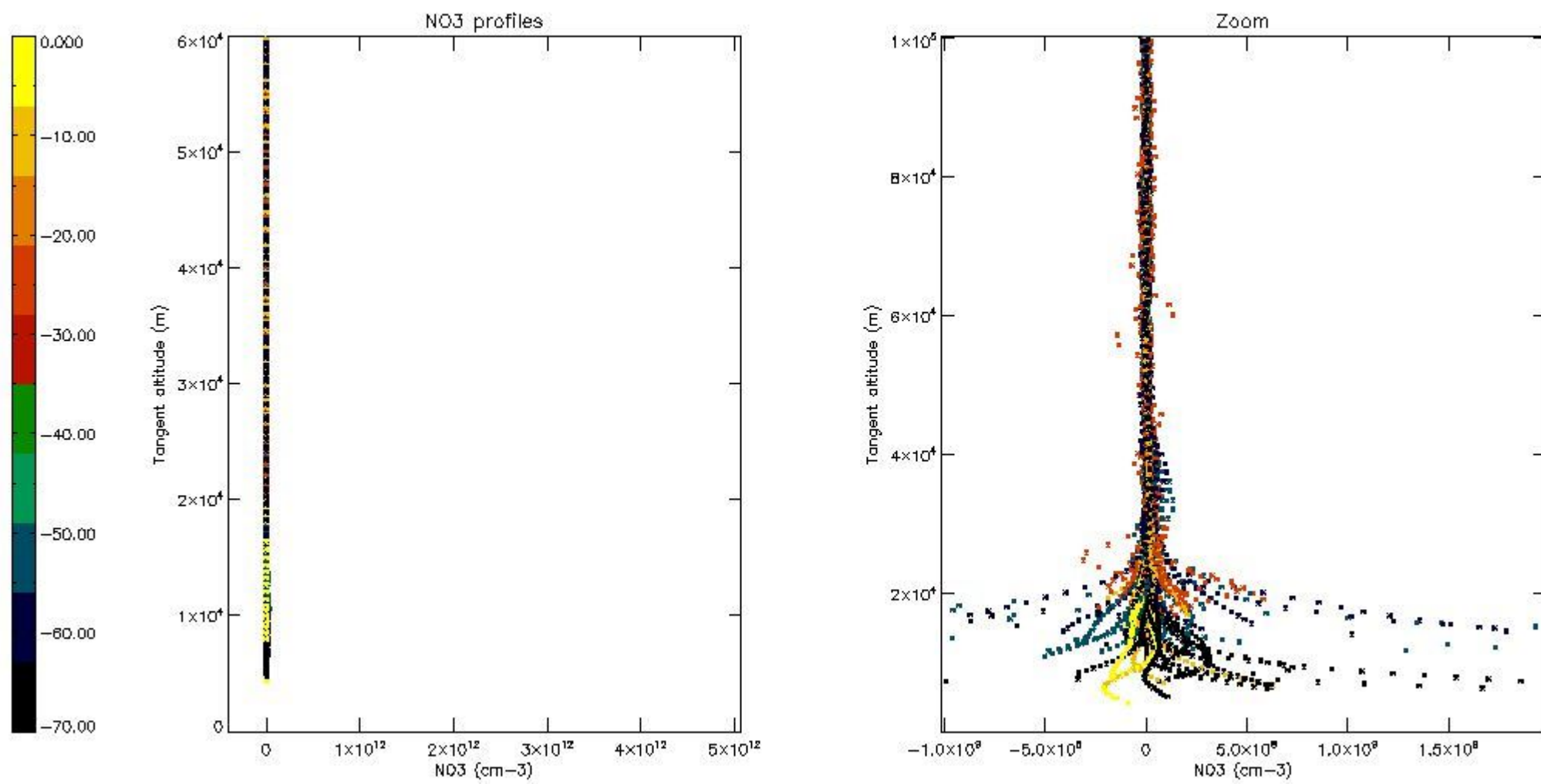
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



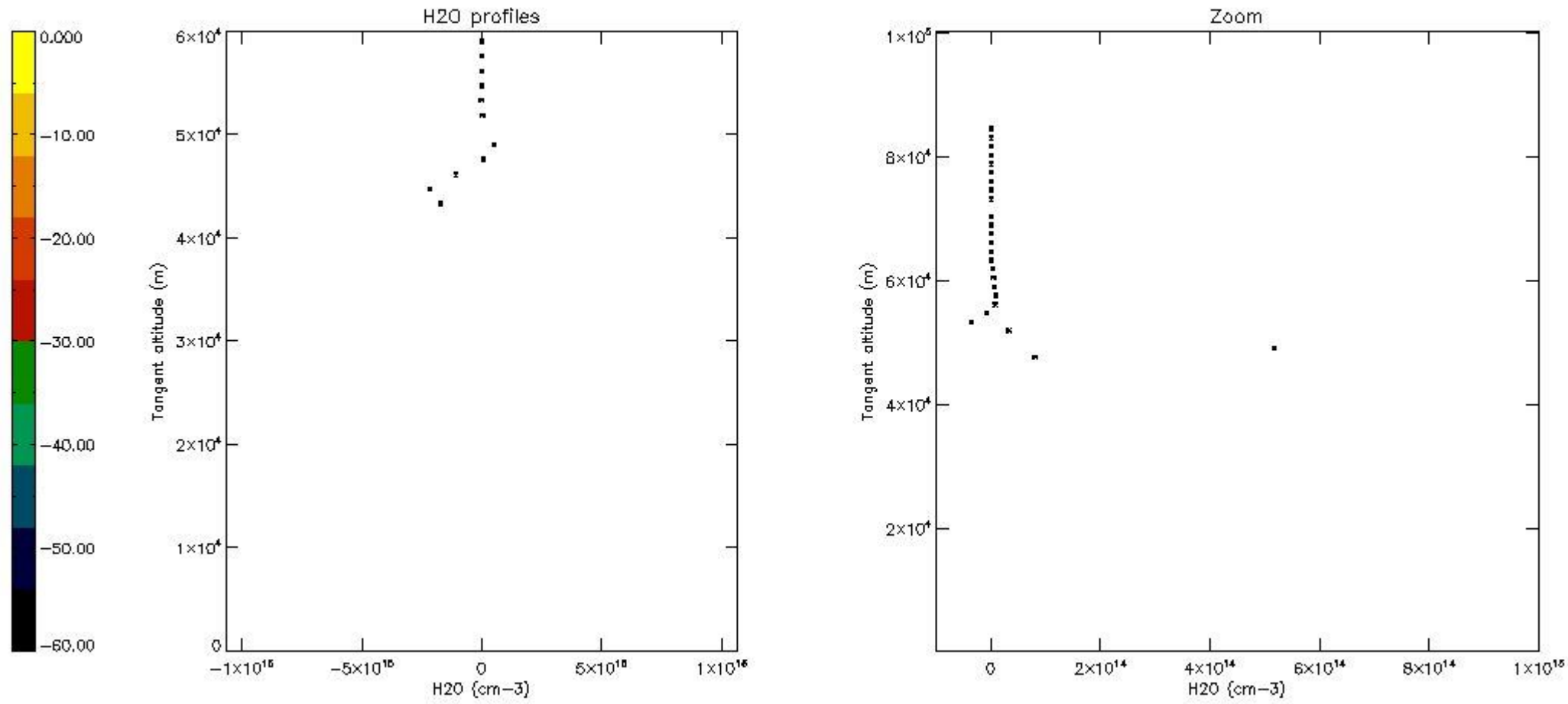
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

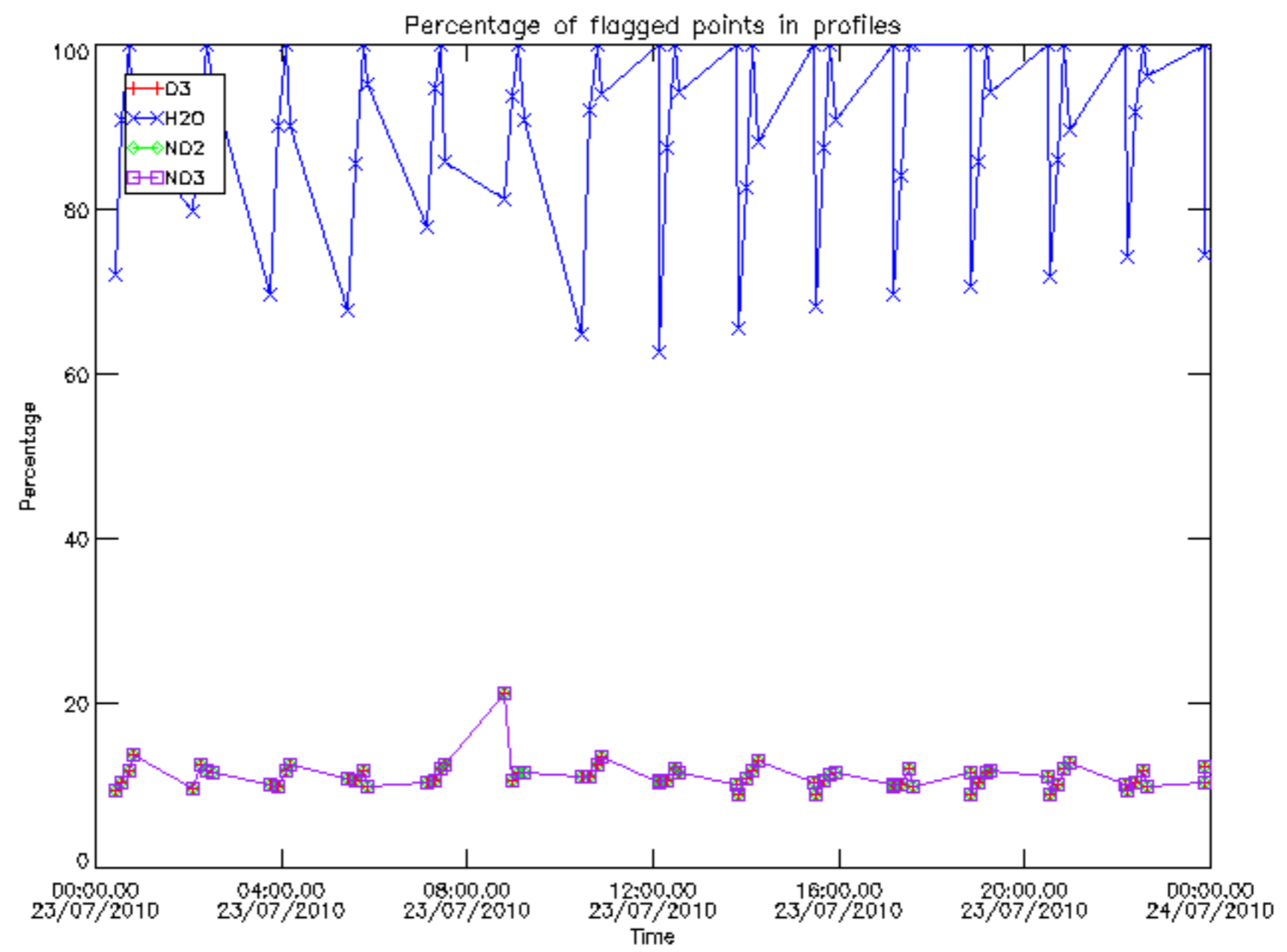
The colorbar represents the latitude.



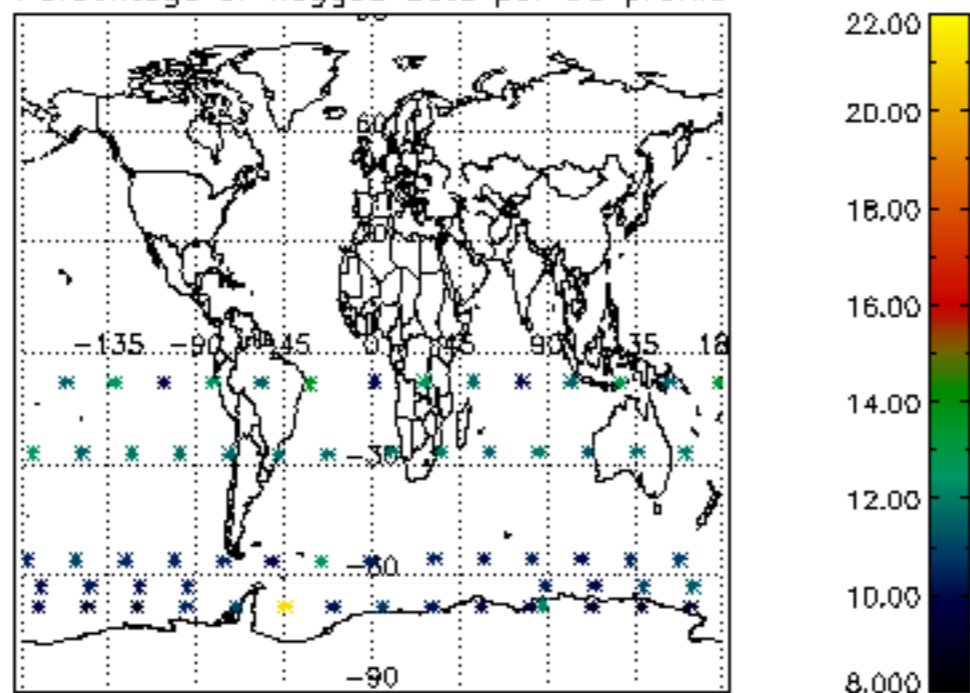
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

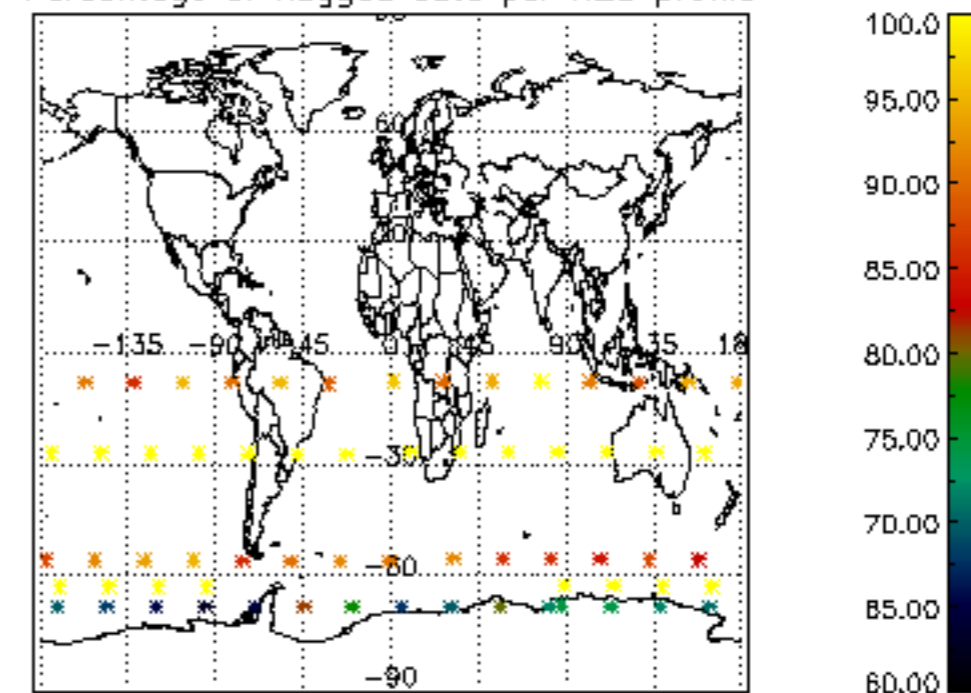
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 23-JUL-2010 00:07:57 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 23-JUL-2010 00:07:57 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 23-JUL-2010 00:07:57 |



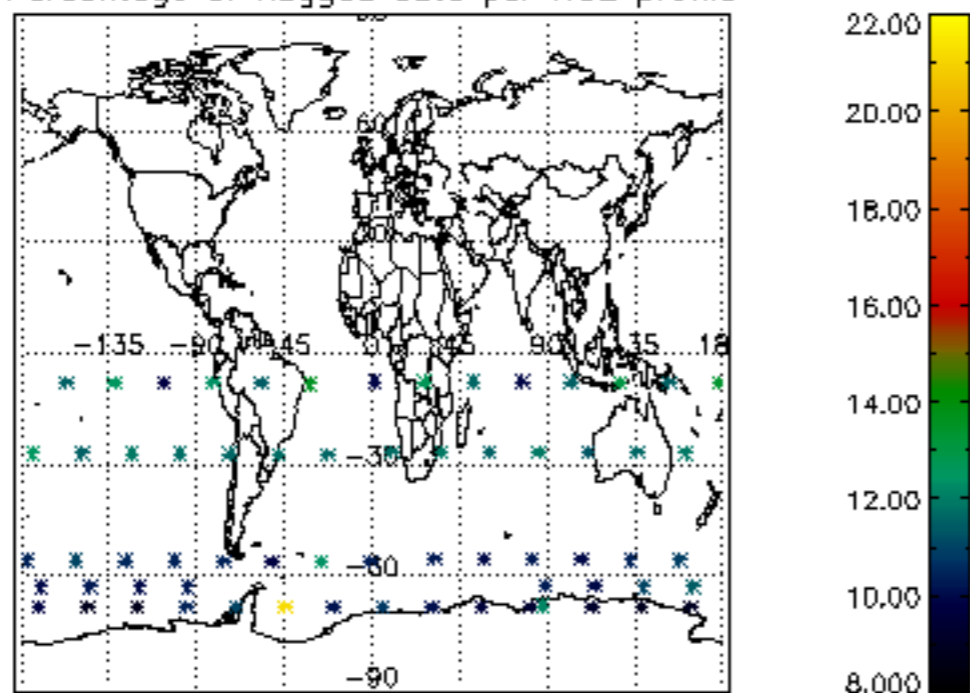
Percentage of flagged data per D3 profile



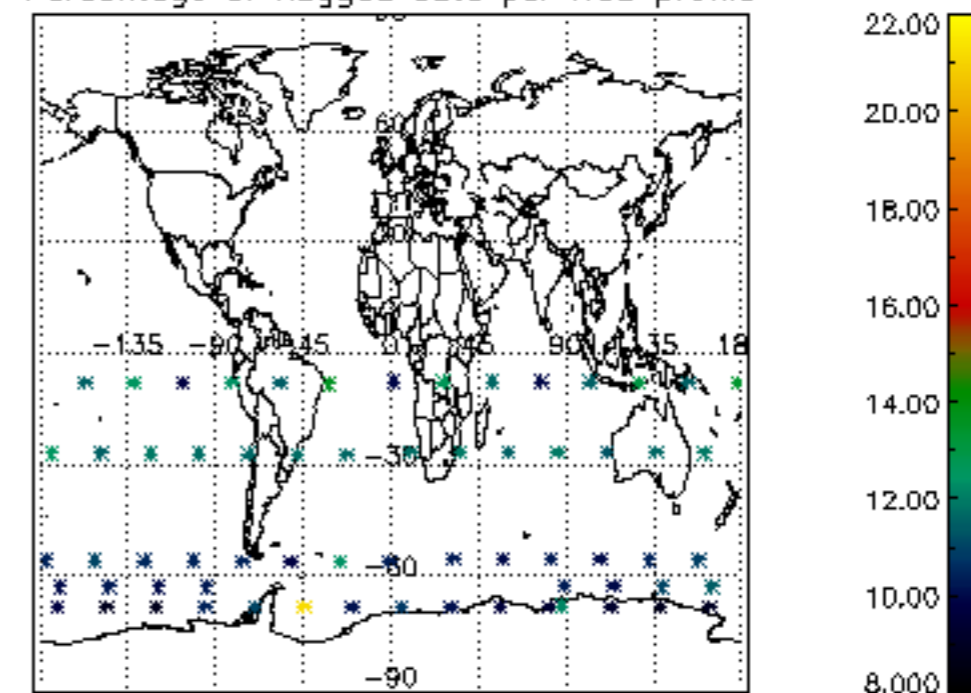
Percentage of flagged data per H2O profile

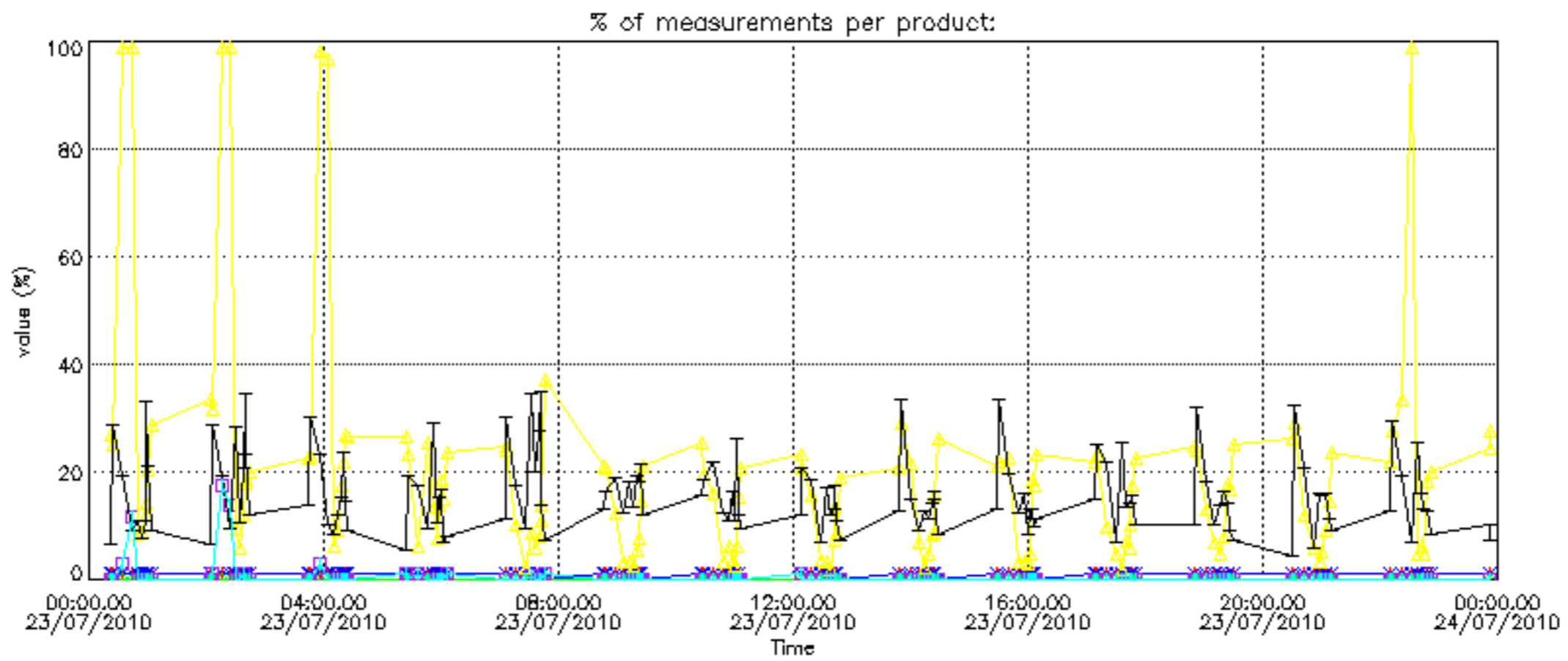
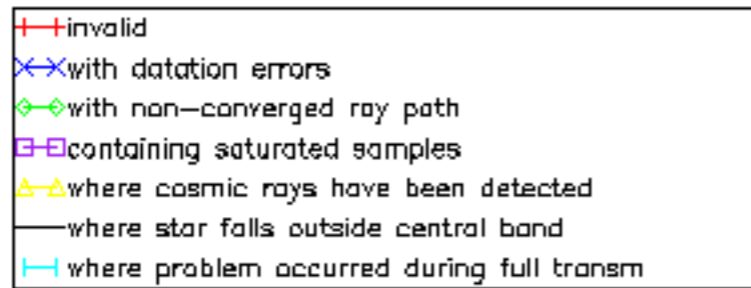


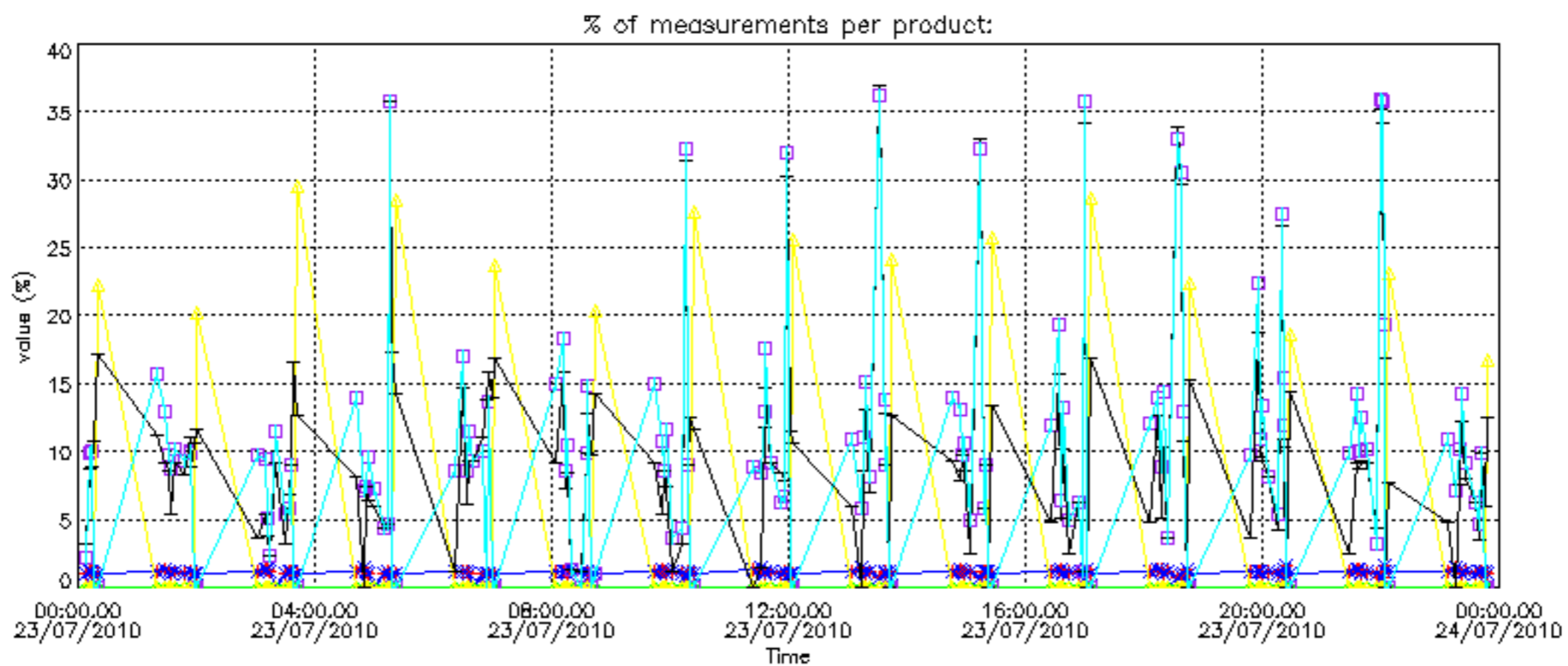
Percentage of flagged data per NO2 profile



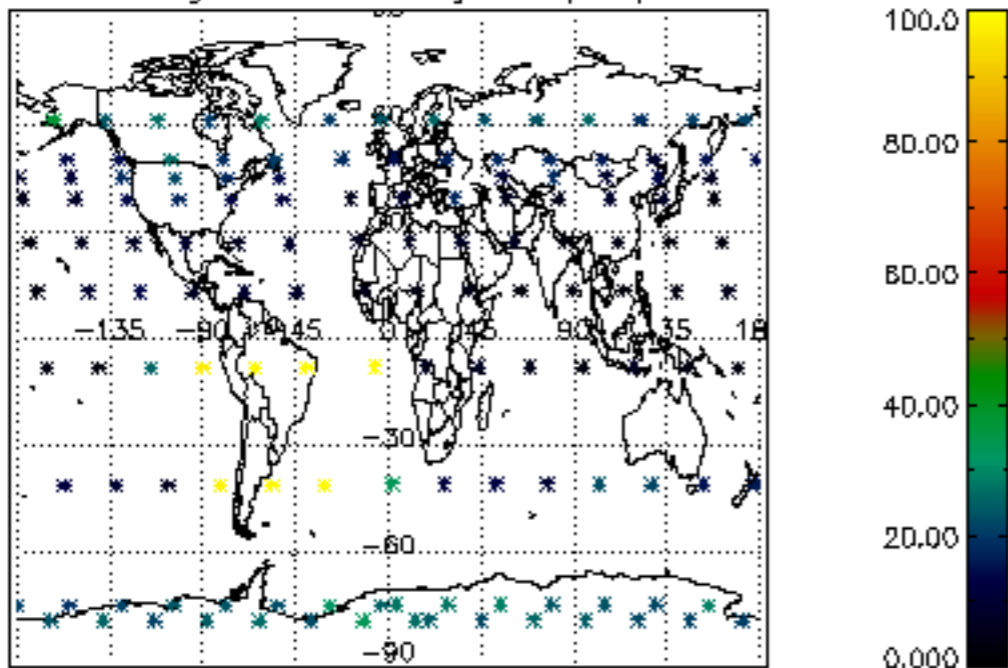
Percentage of flagged data per NO3 profile



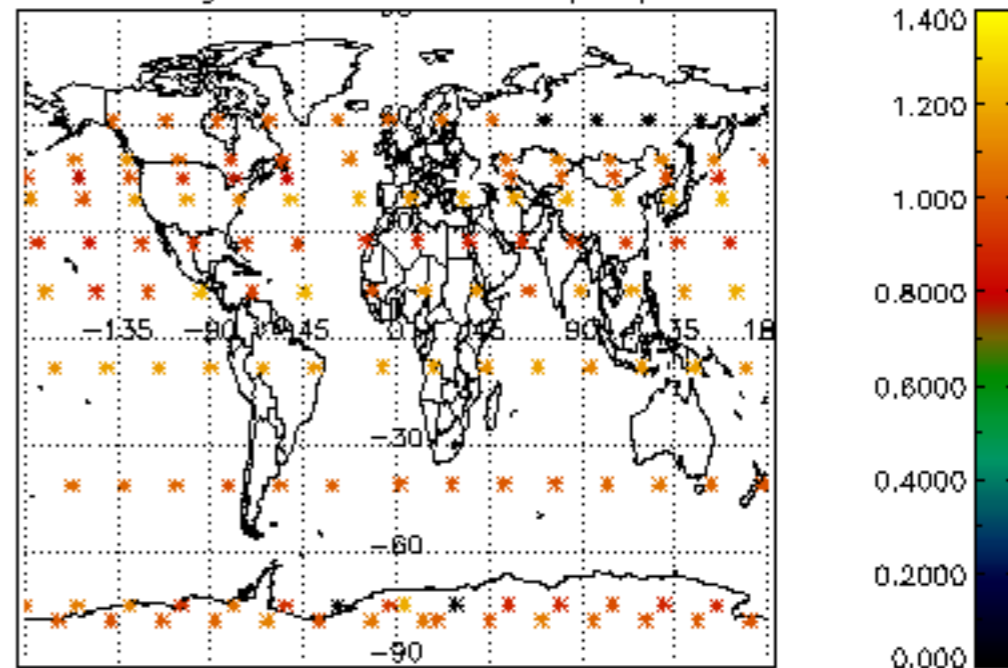




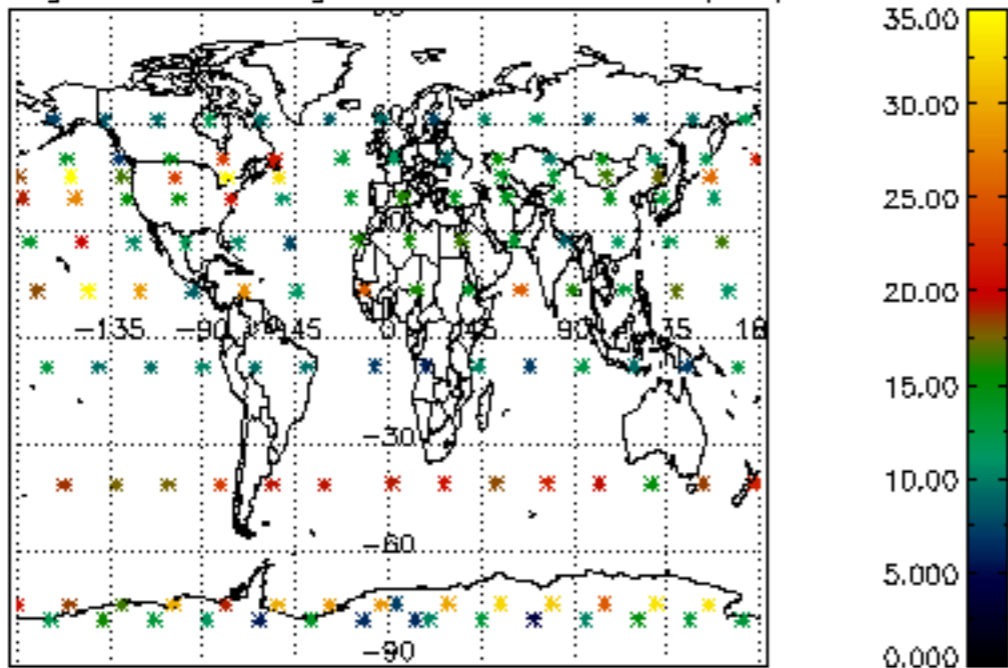
Percentage of cosmic ray hits per profile



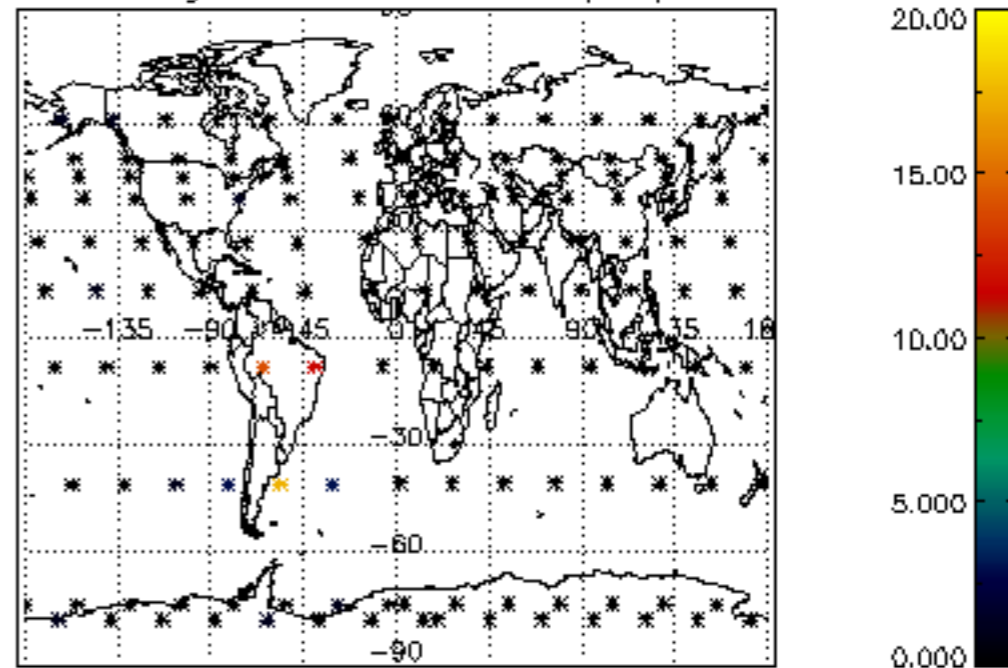
Percentage of datation errors per profile



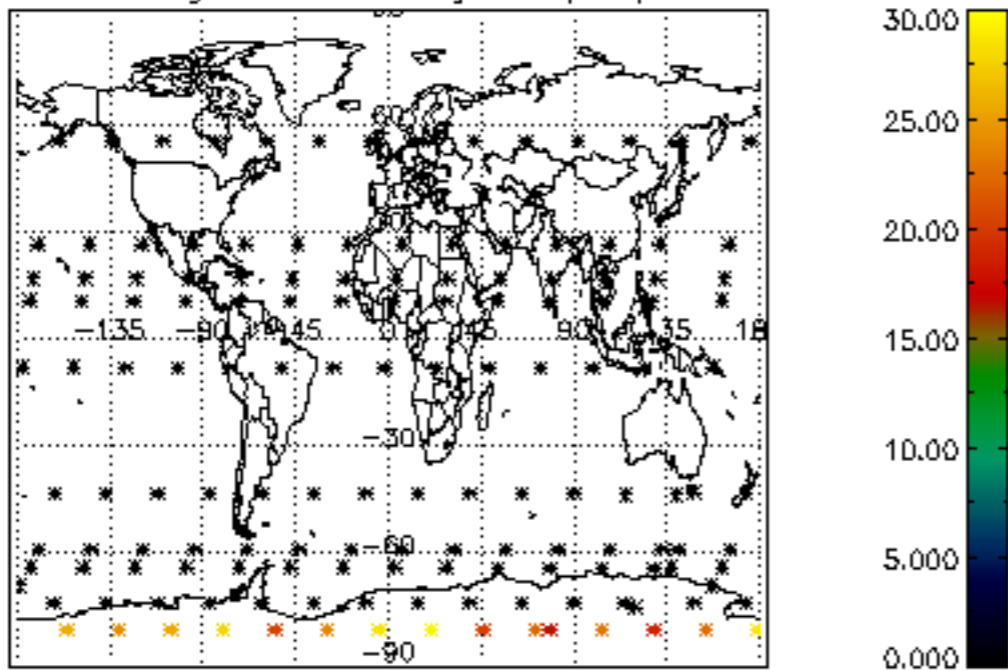
Percentage of star falling outside central band per profile



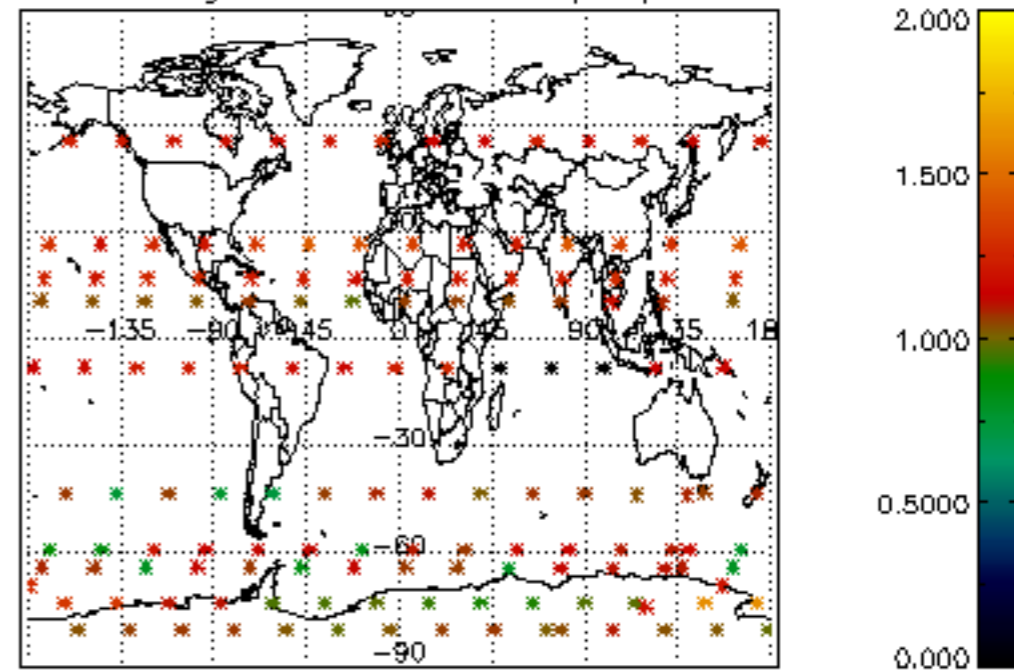
Percentage of saturation errors per profile



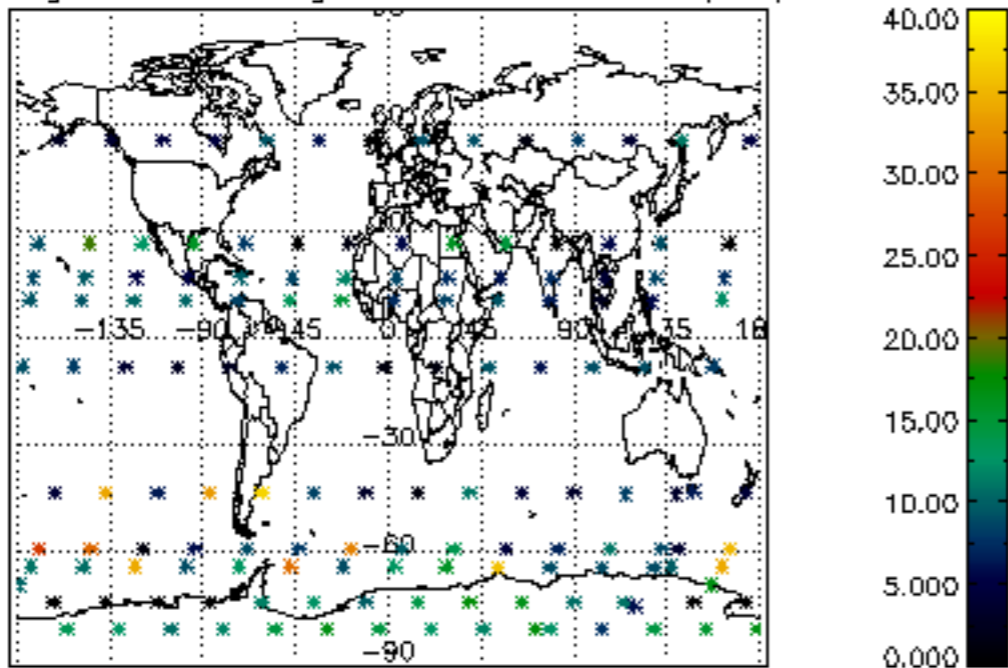
Percentage of cosmic ray hits per profile



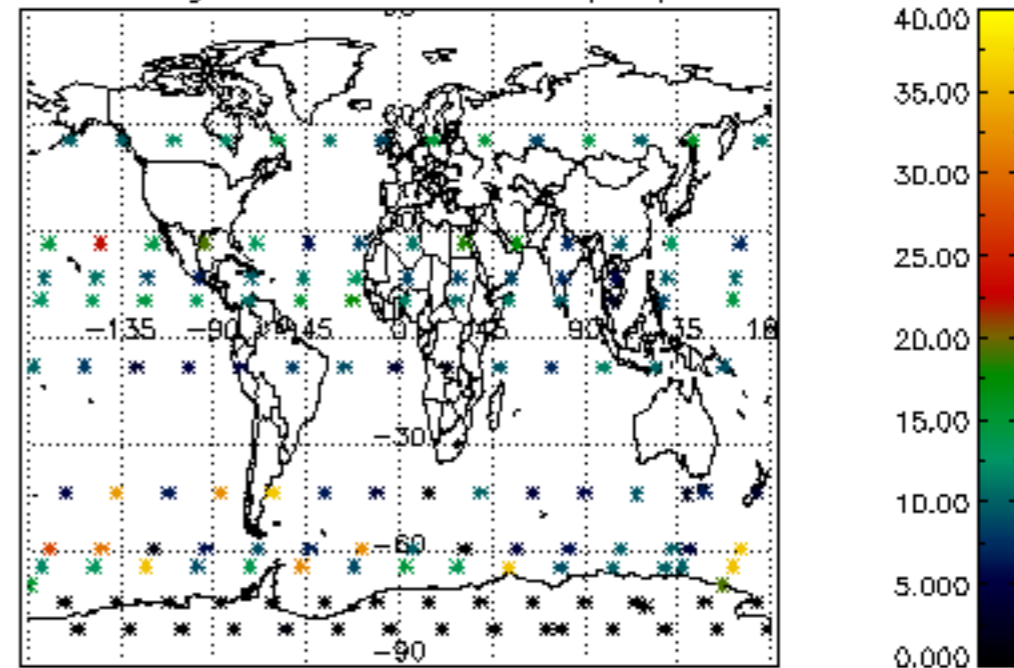
Percentage of datation errors per profile

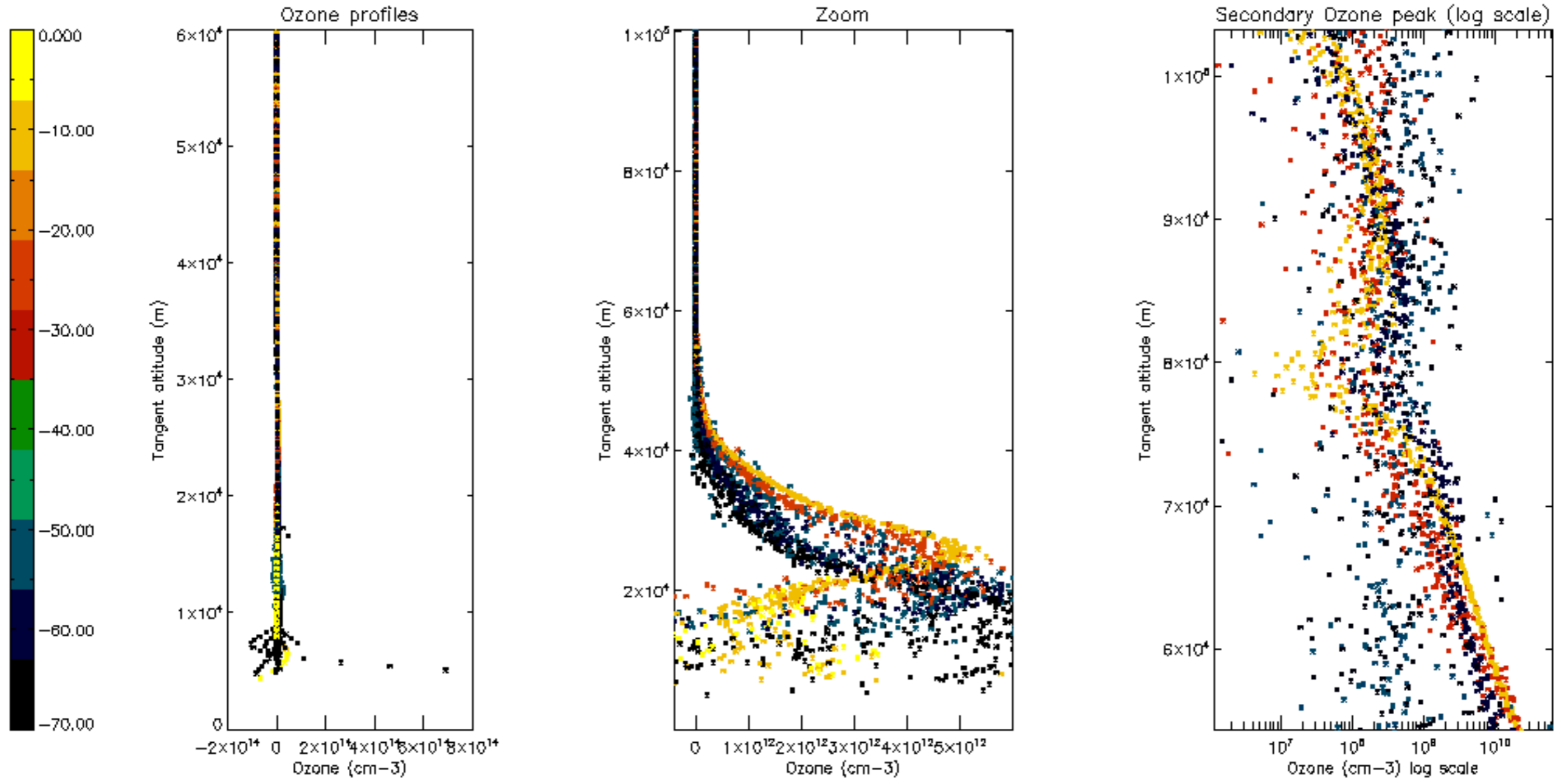


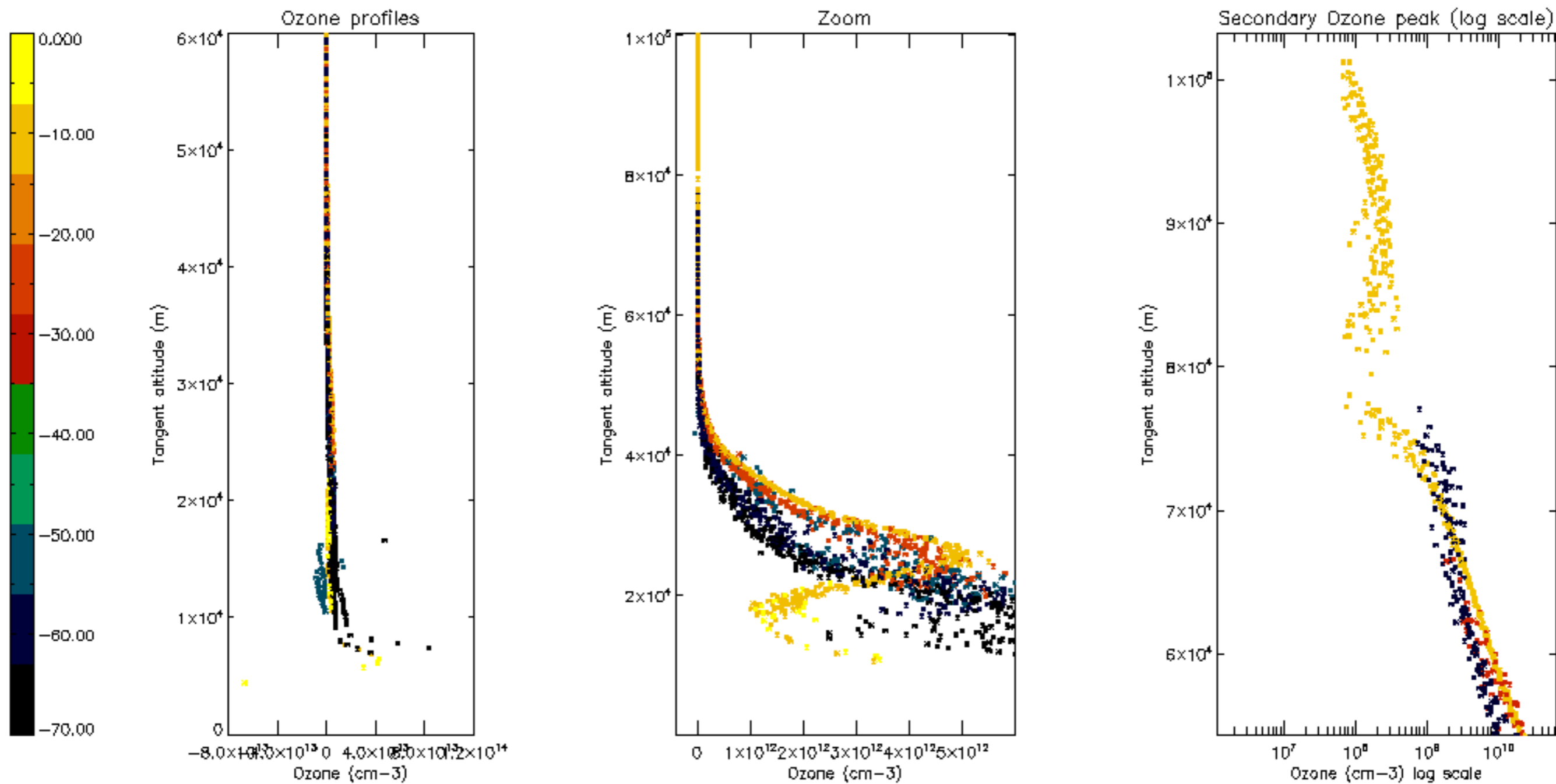
Percentage of star falling outside central band per profile

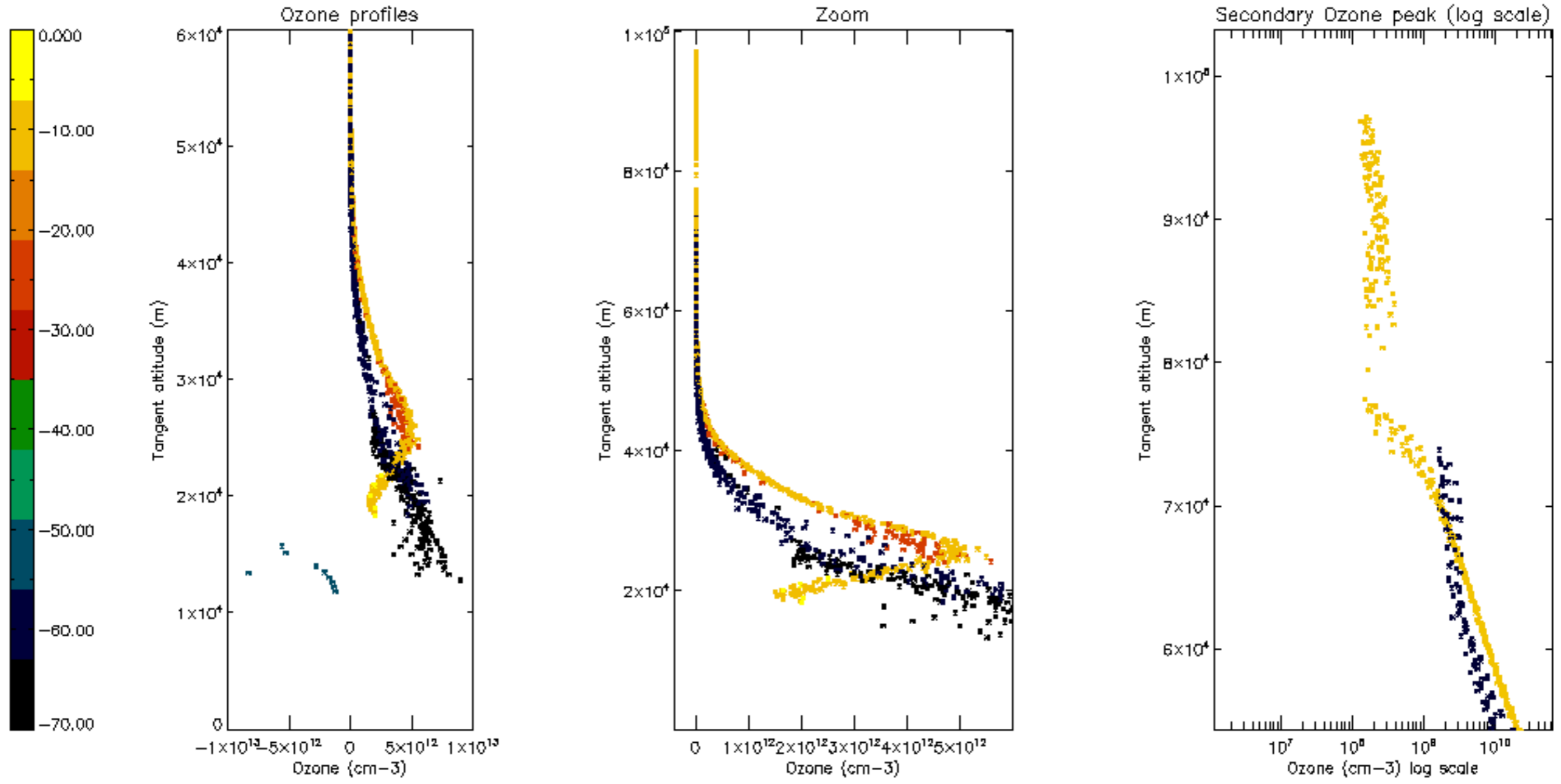


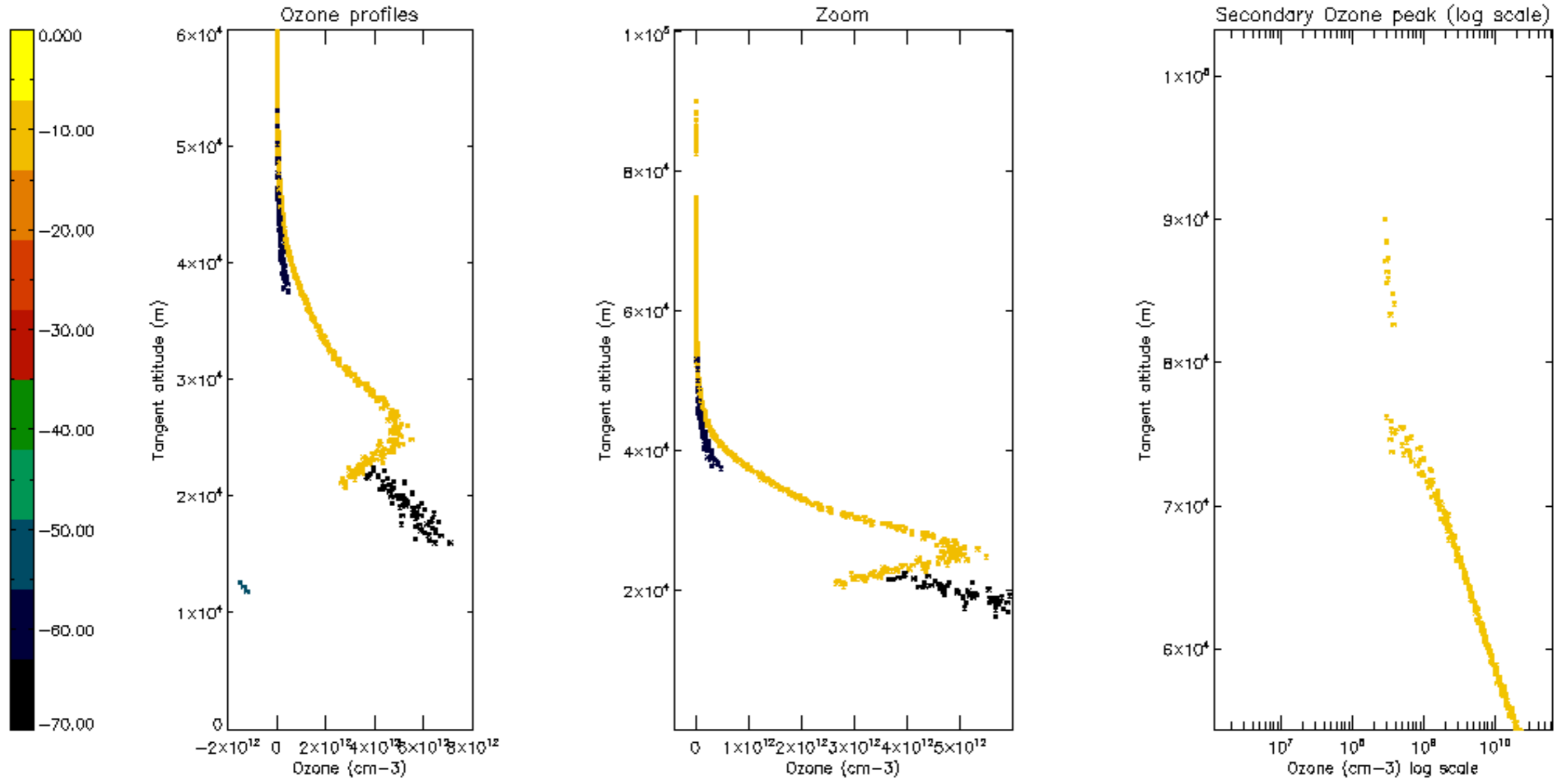
Percentage of saturation errors per profile

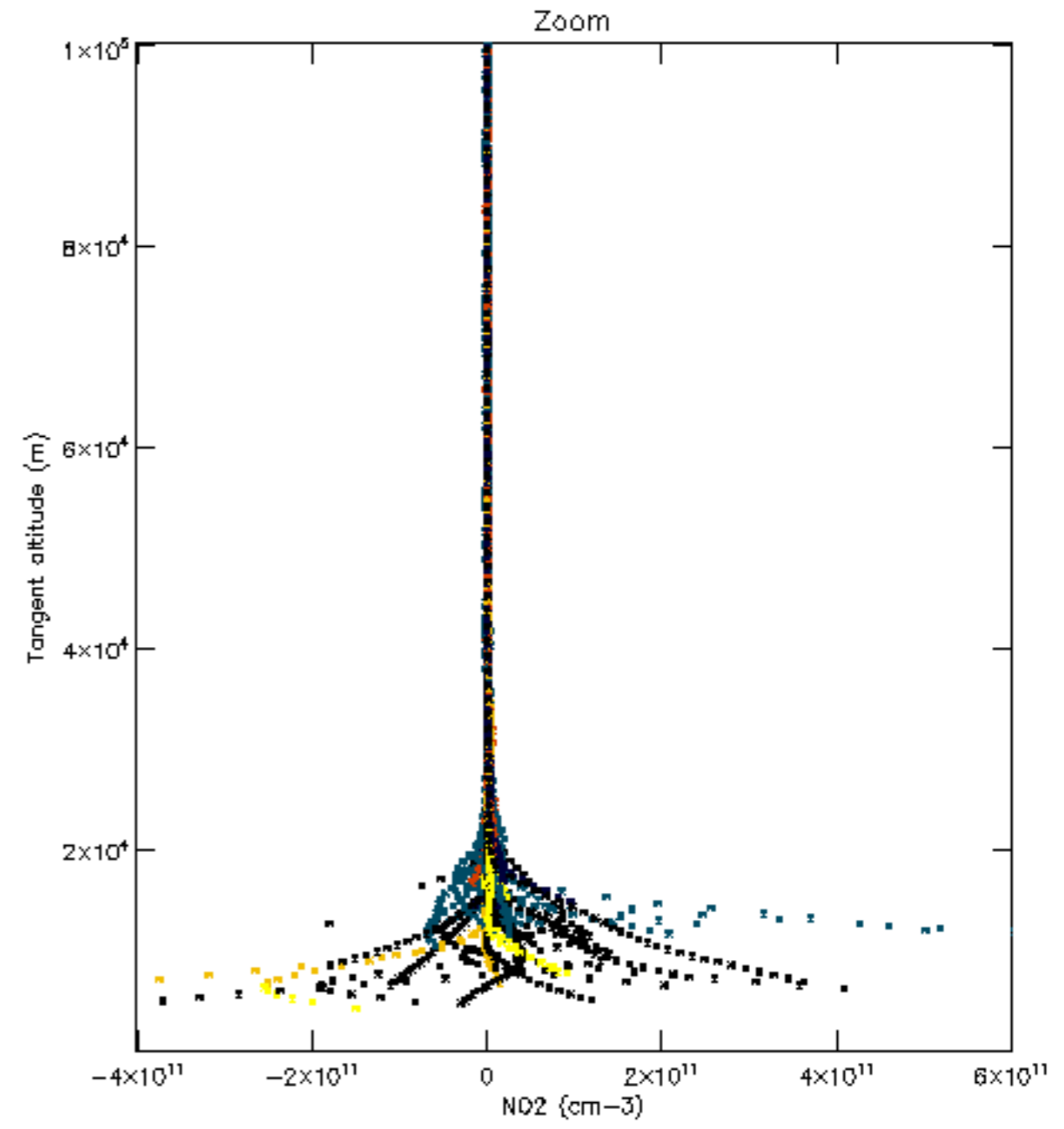
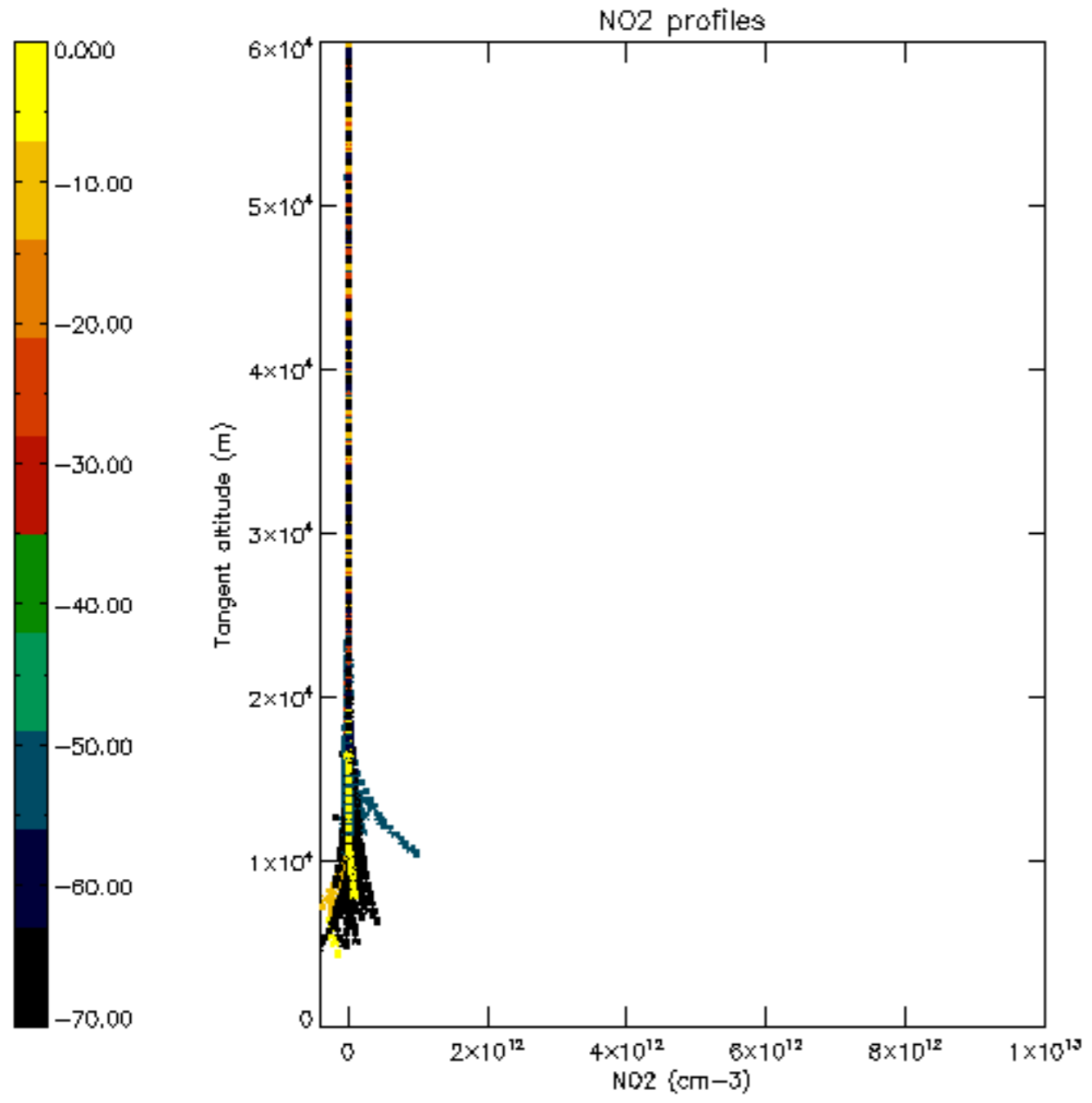


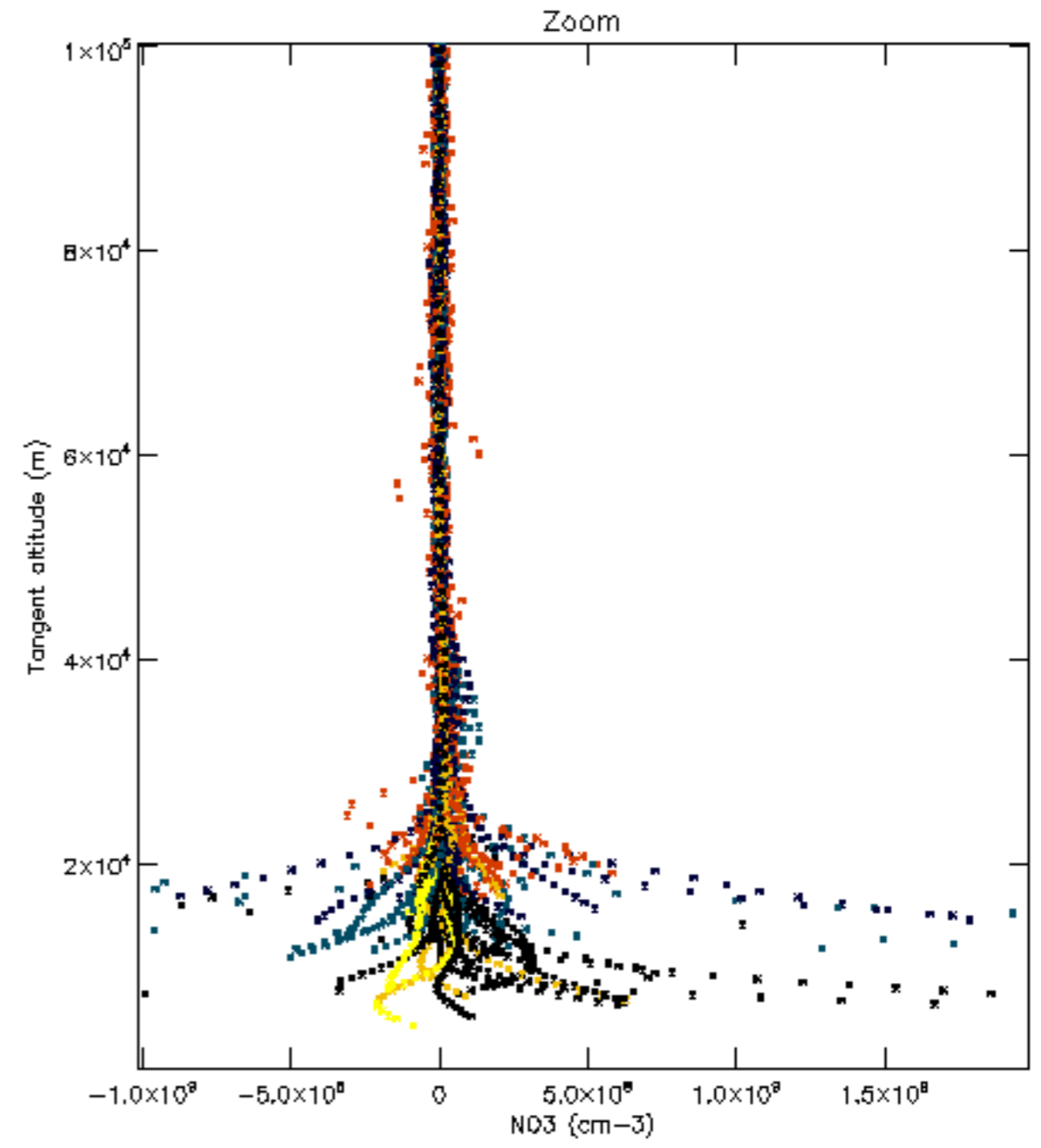
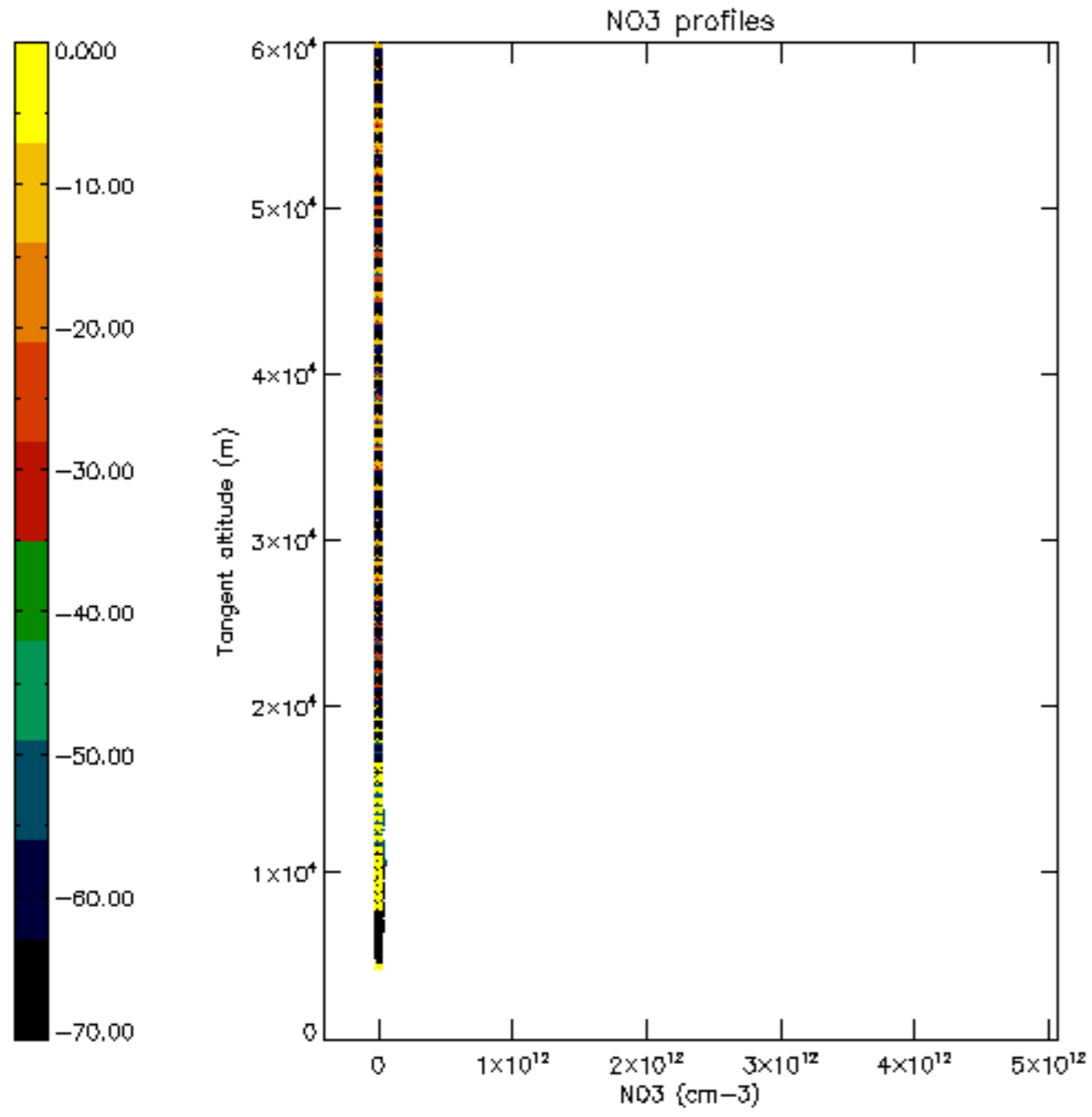


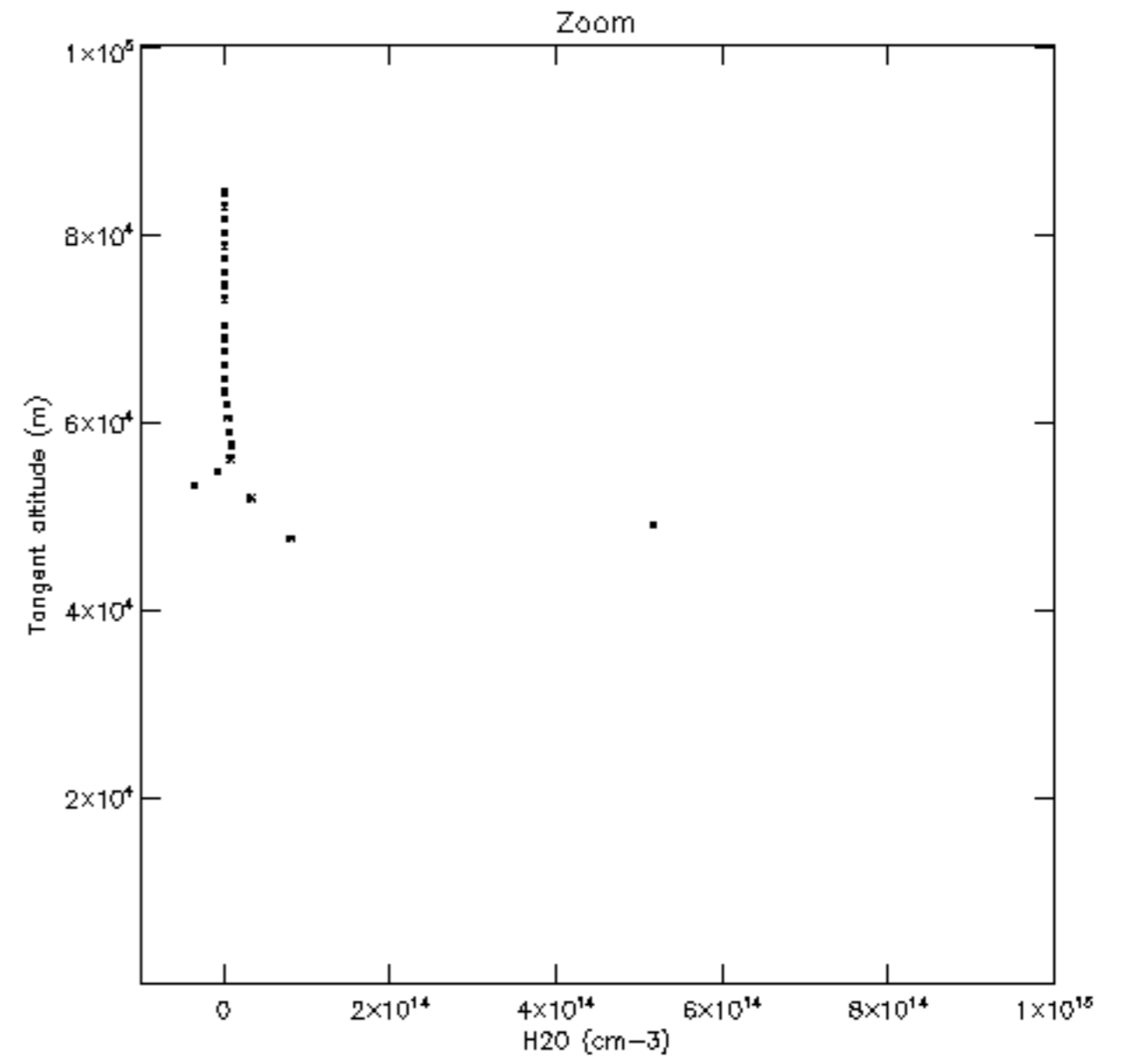
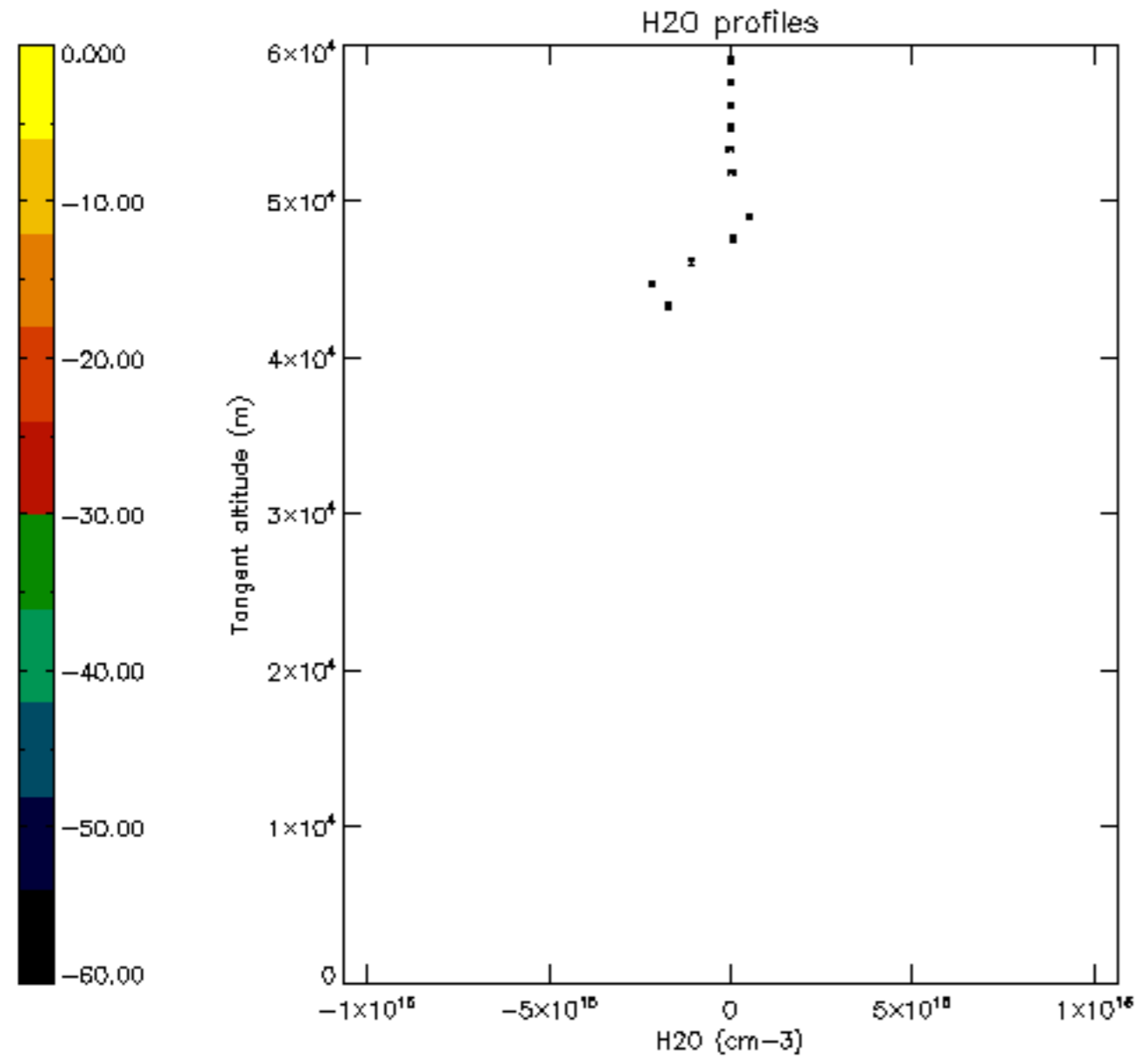


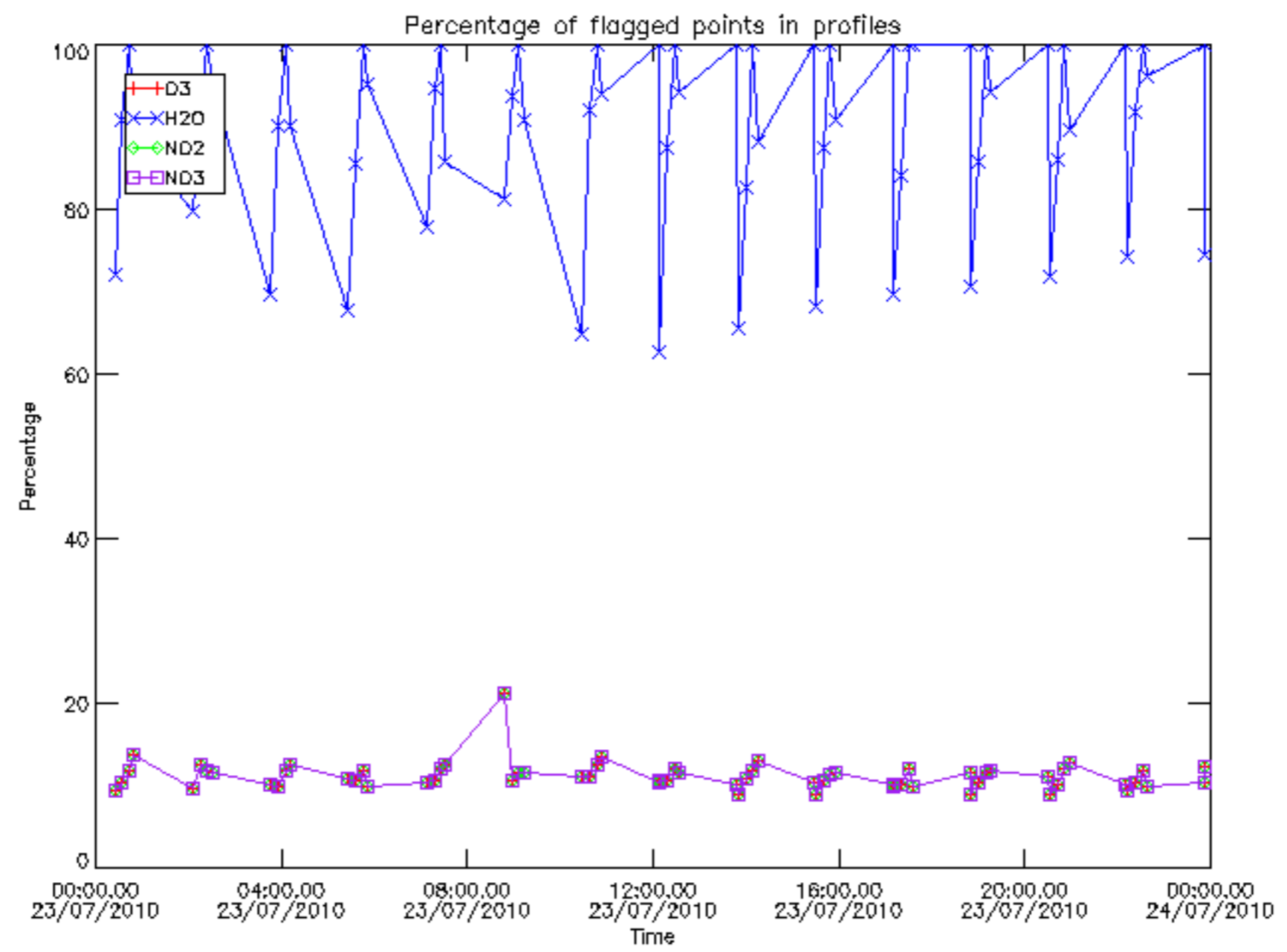




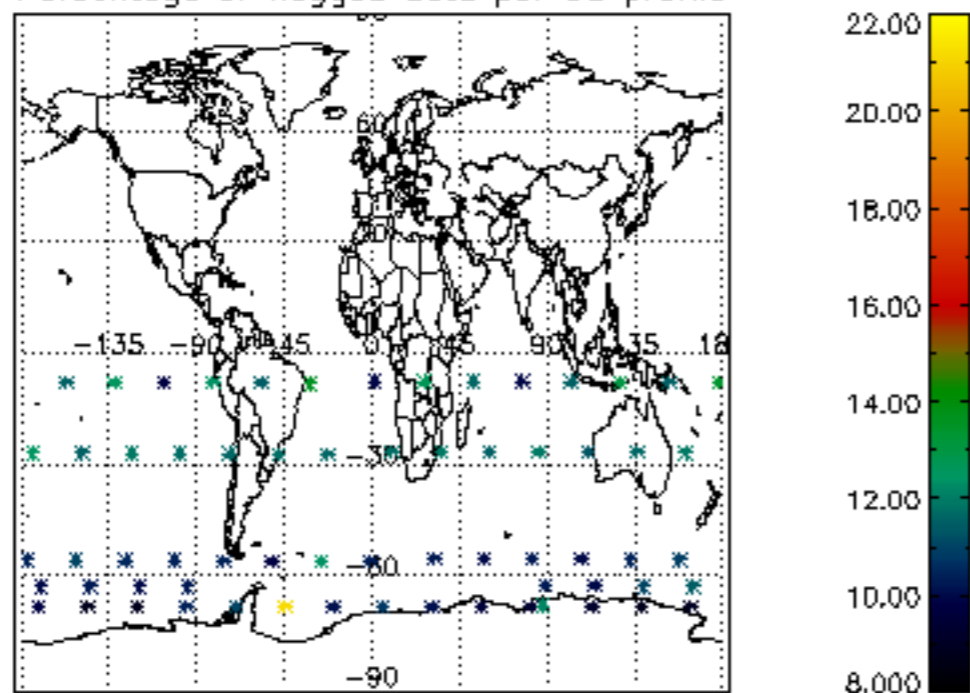




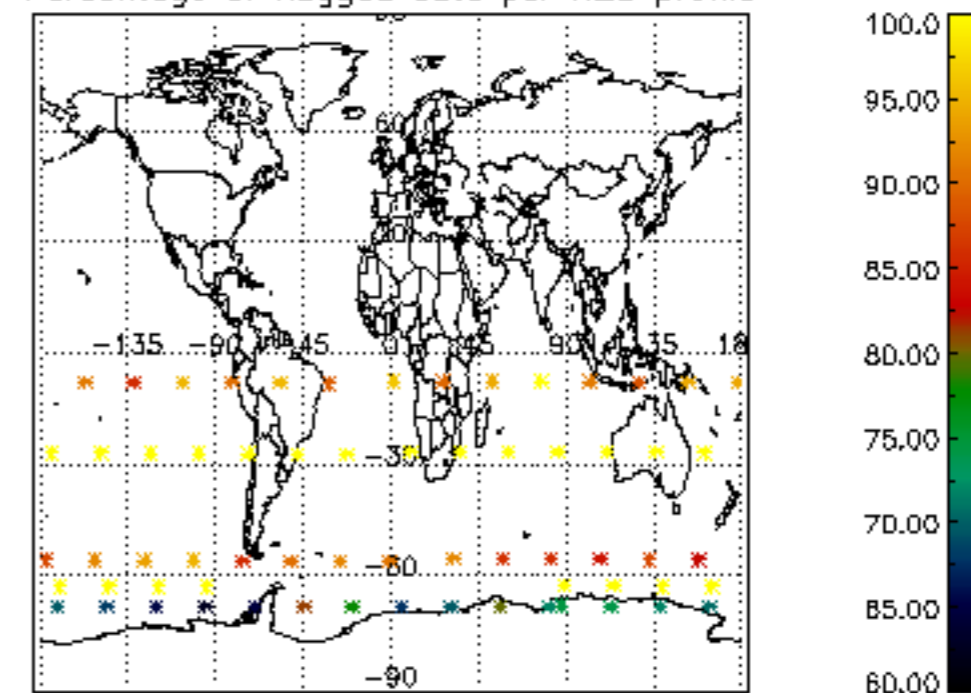




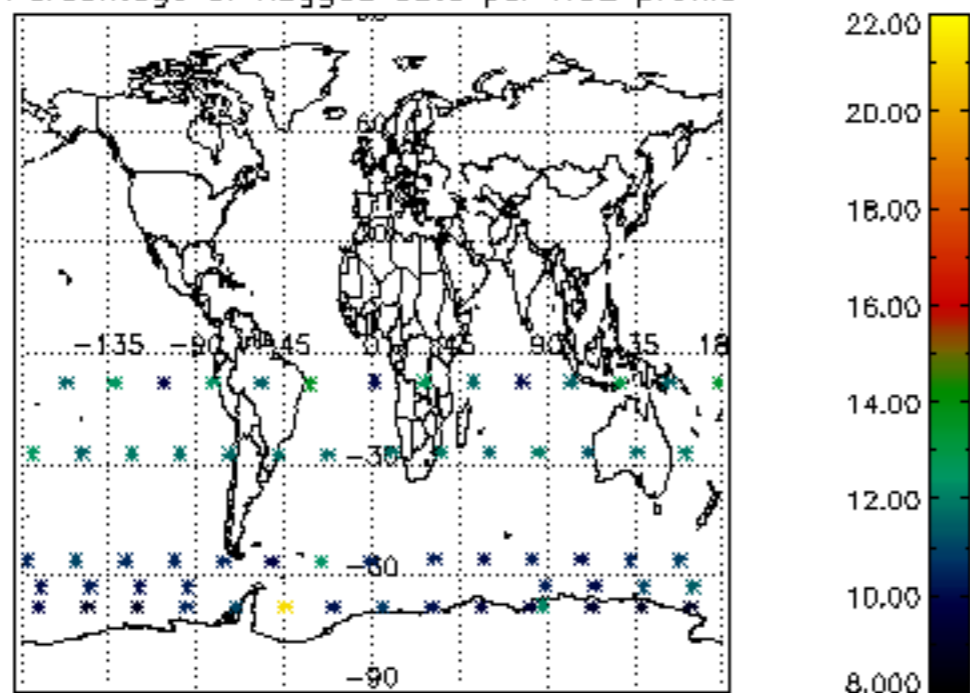
Percentage of flagged data per D3 profile



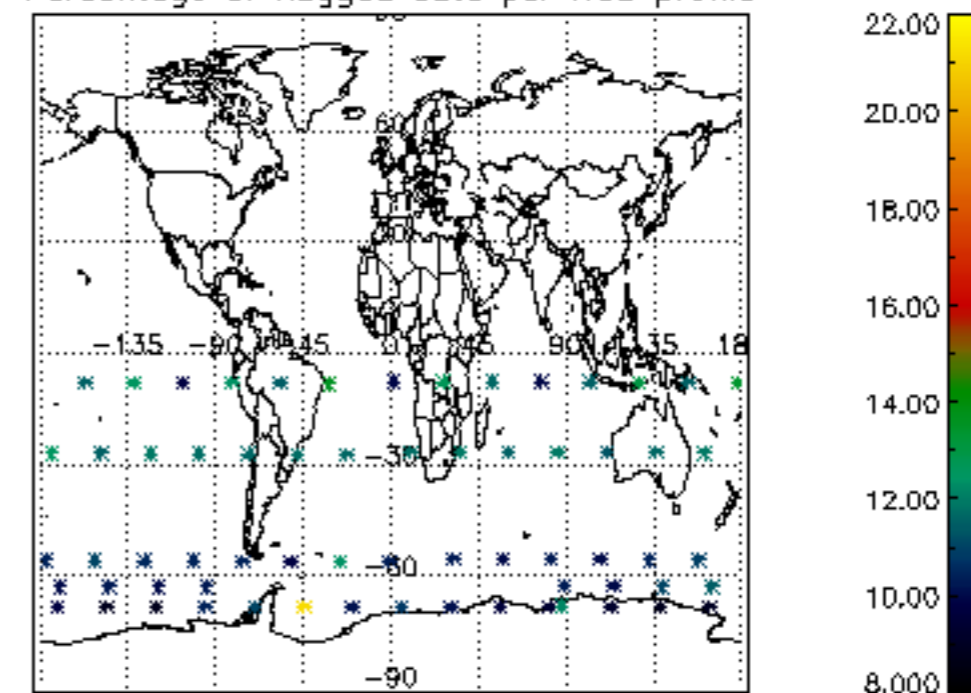
Percentage of flagged data per H2O profile

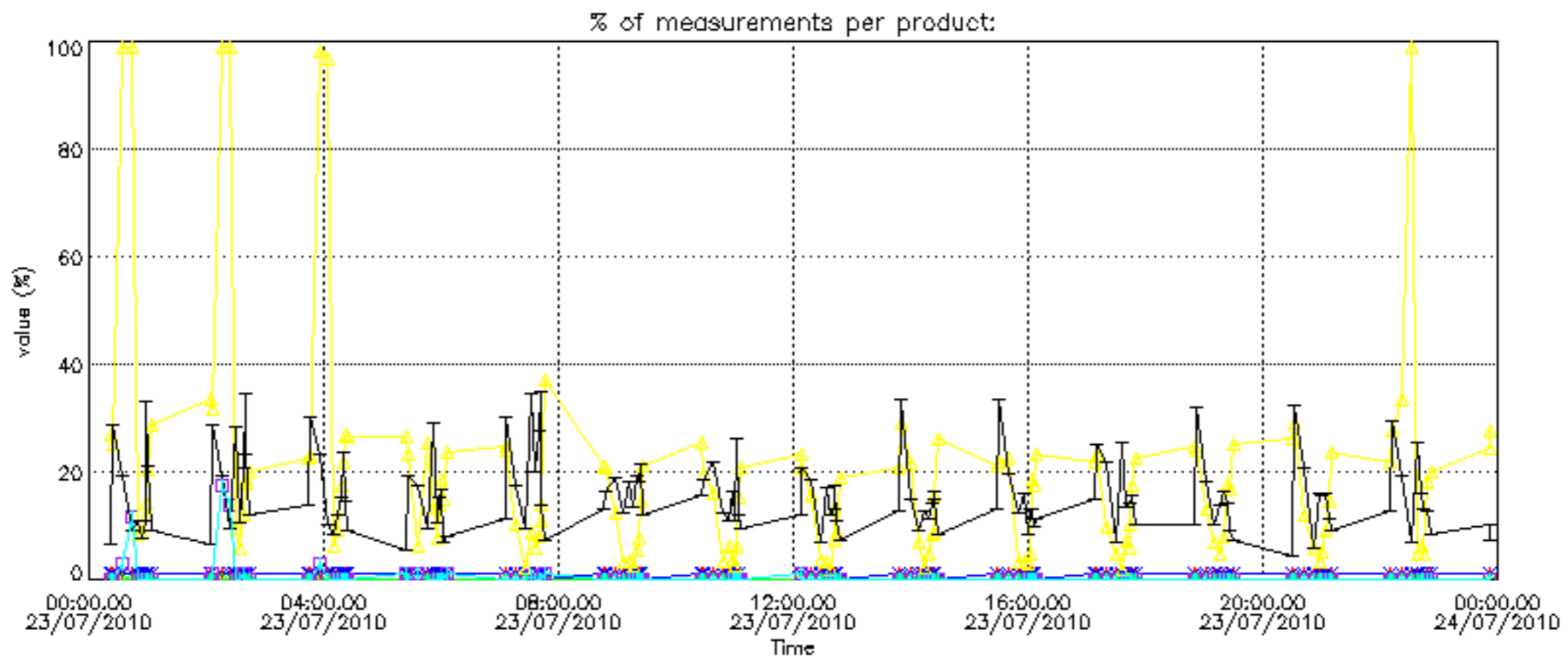


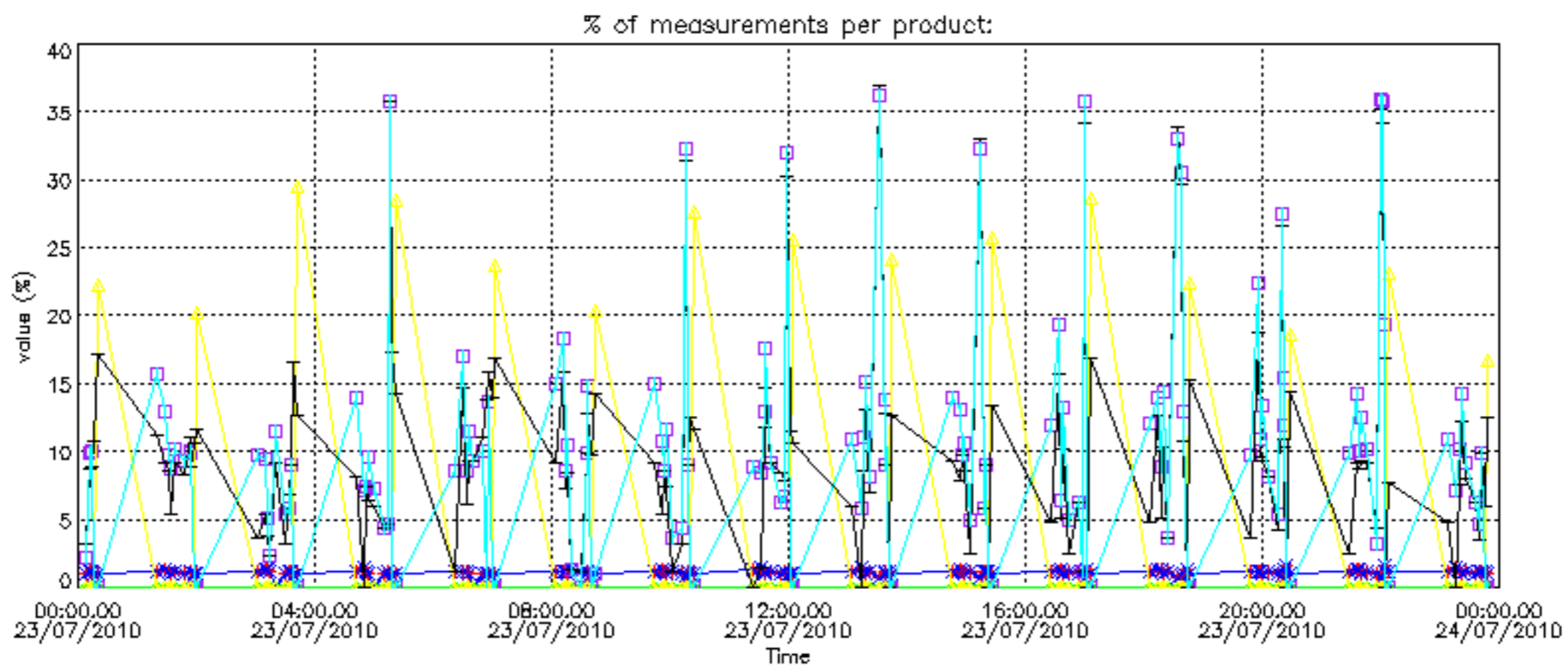
Percentage of flagged data per NO2 profile



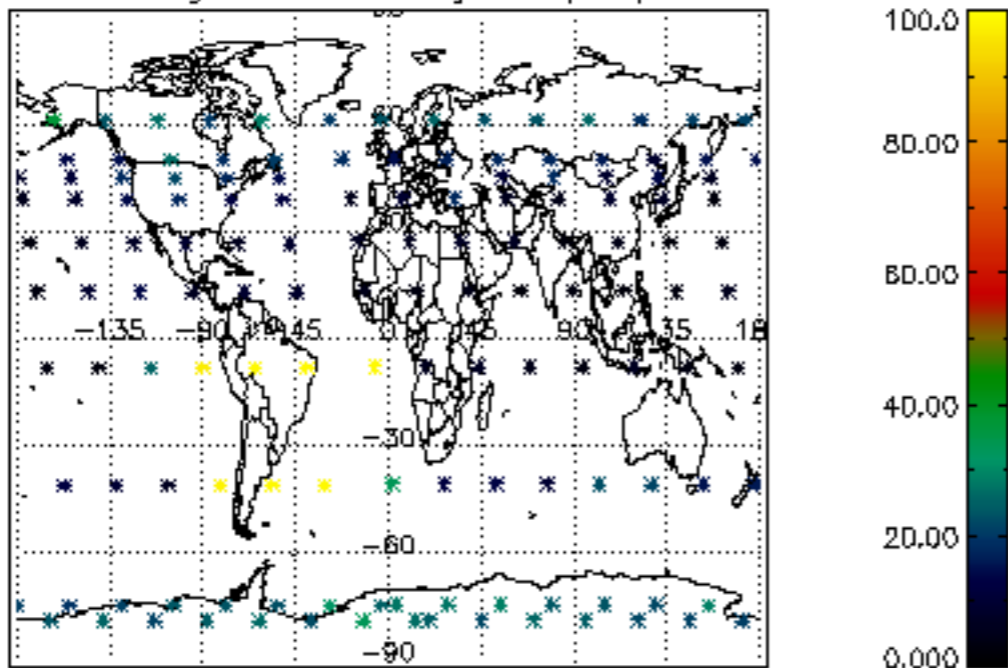
Percentage of flagged data per NO3 profile



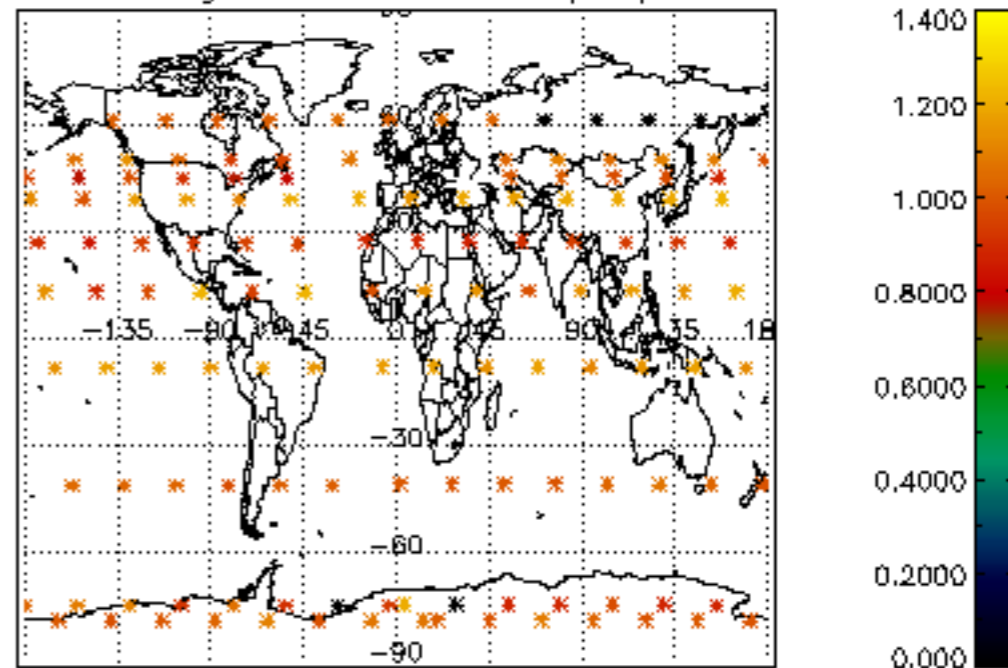




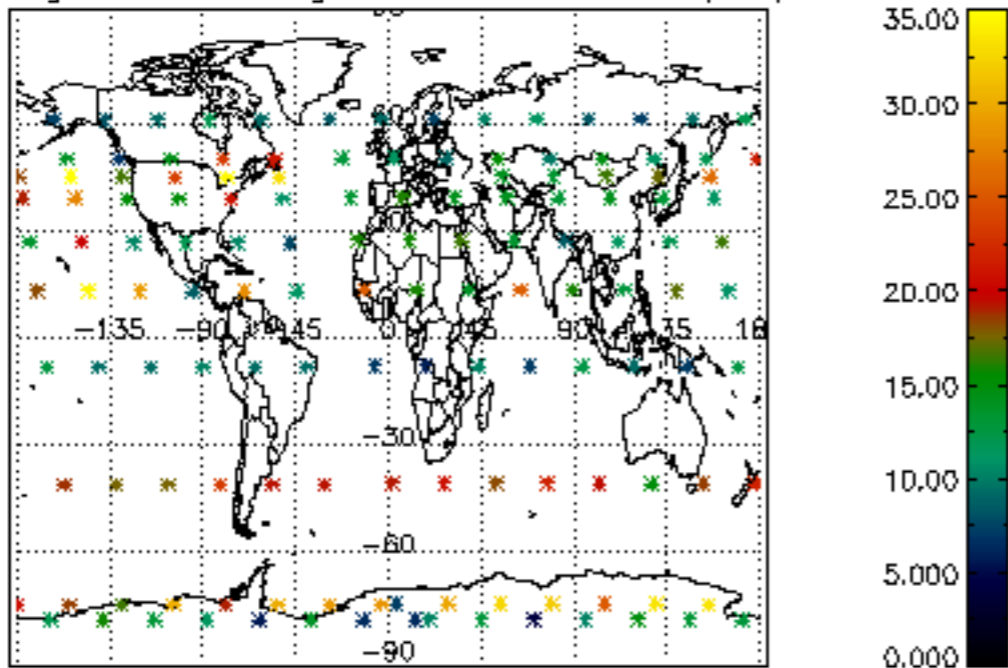
Percentage of cosmic ray hits per profile



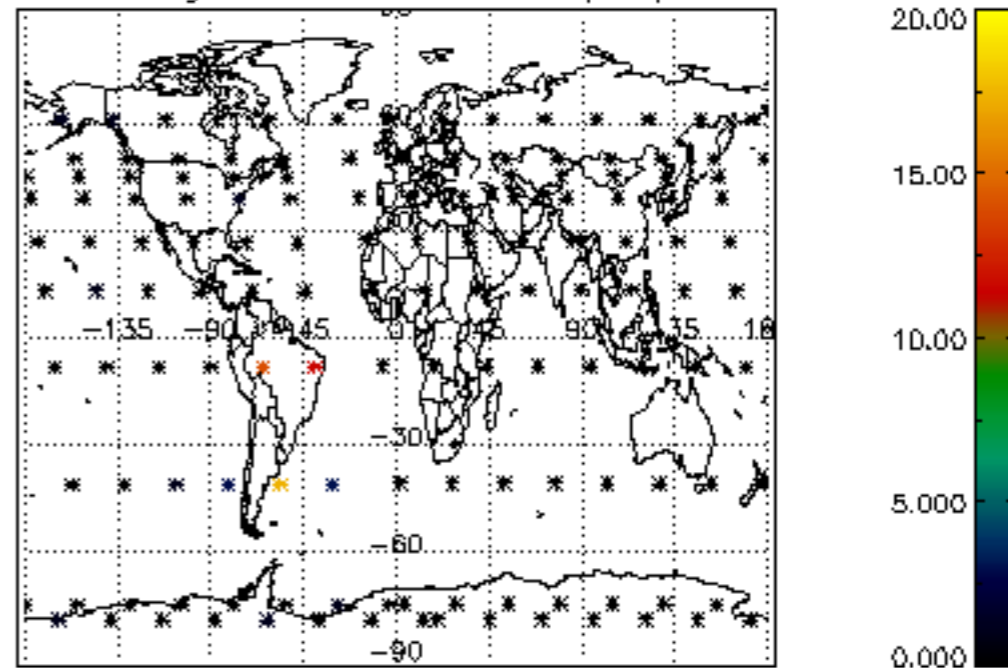
Percentage of datation errors per profile



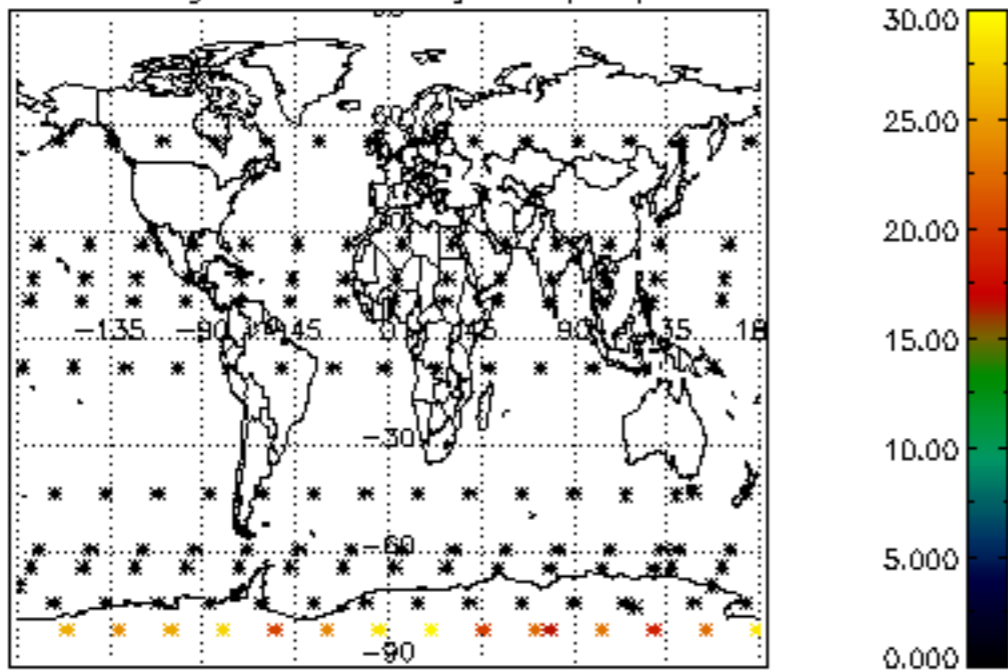
Percentage of star falling outside central band per profile



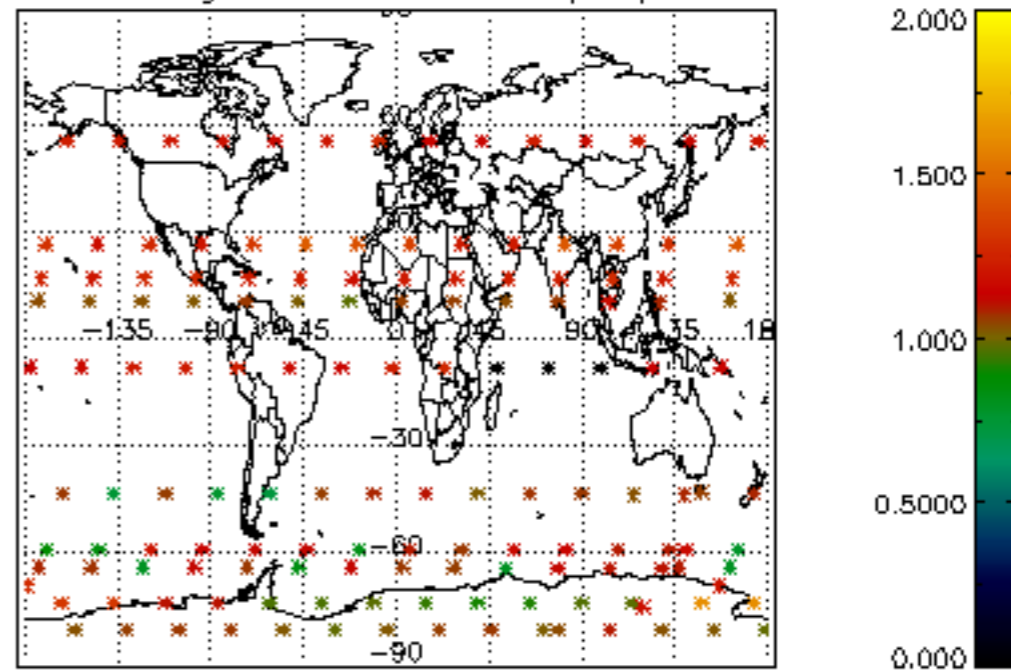
Percentage of saturation errors per profile



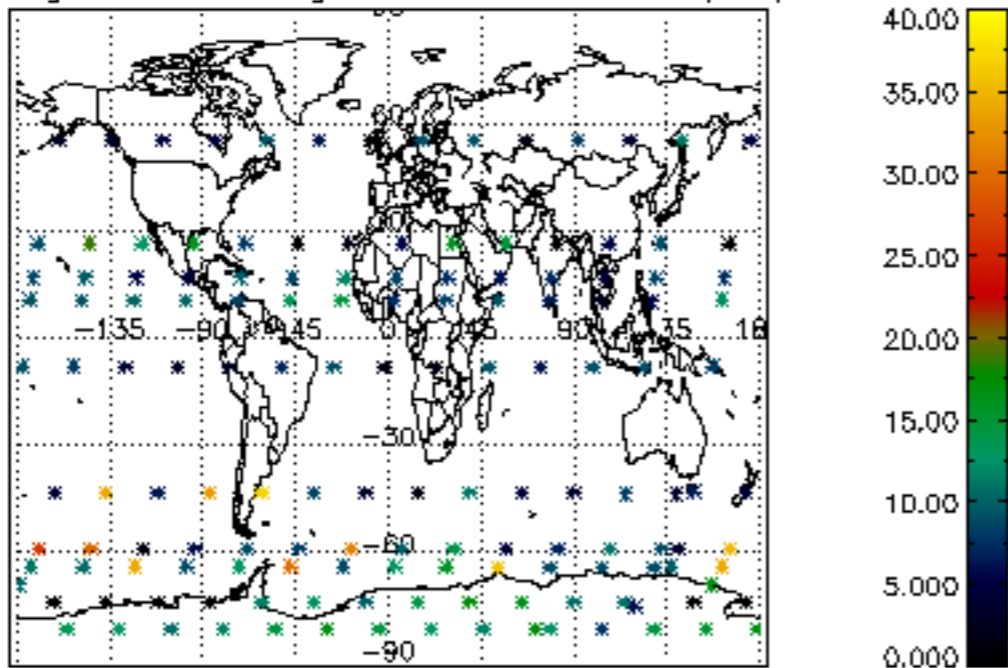
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

